Lancaster Farming

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Bill Elliott stands by a grand fir that grows in one of his fields.

Christmas Trees: Sign Of The Season

BY BONNIE BRECHBILL
Franklin Co. Correspondent

WILLOW HILL — When retail customers come to Elliott's Nursery and Christmas Tree Farms, they seldom ask for a specific kind of tree. Usually they say, "We really liked the one we had last year. We want one just like it."

Bill Elliott, a tall, soft-spoken man, finds them one. "I have to do some guessing, but usually I can figure out what kind of tree they had. If they say it was jaggy, it was probably a blue spruce. If it was soft, held its needles well, and had a good aroma, it was a Douglas fir. The Douglas fir is the Cadillac of Christmas trees."

While most of his trees are sold wholesale, he sells some retail at the Willow Hill Motel and Restaurant, which he and his wife, Patricia, own. The trees sell for $8 to $25 off the lot.

Mid-December is the busiest time of year for Christmas tree sellers. The busy season used to be the last few days before the holiday, but that has changed over the years. "Now, you can't sell a tree the night before Christmas. If you have a tree on your lot Dec. 24,

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Pesticide Regs Tighten Under New Act

BY JACK HUBLEY

LANCASTER — It's official. On Dec. 12, Gov. Dick Thornburgh signed the new Pennsylvania Pesticide Control Act as amended by Senate Bill 1445.

Farmers and agribusinesses have 90 days from the date of that signing to learn to live with legislation that basically reflects the public's growing concern about the potential effects of pesticides on human and environmental health.

John Longenecker of the the state Department of Agriculture's Bureau of Plant Industry, was in Lancaster on Tuesday to introduce farmers to some of the changes on the way. Longenecker was one of the featured speakers at the Organic Plant Food Company's Customer Appreciation Day held at the Holiday Inn, east of Lancaster.

Longenecker outlined the trend toward more restrictive pesticide regulations by listing some of the pesticides that were changed to restricted-use status this year. Joining the list as of Sept. 1 were eight granular insecticides, including Counter, Thimet, Mocap, Disyston, Dyfonate, Dasanit, Temik and Furadan. Use of the corn herbicide Bladex also became restricted in September, and Lasso is currently under review for possible inclusion in the restricted-use category for 1987, according to Longenecker.

In November, materials used as wood preservatives were placed on the restricted-use list.

"I suspect if this trend continues,

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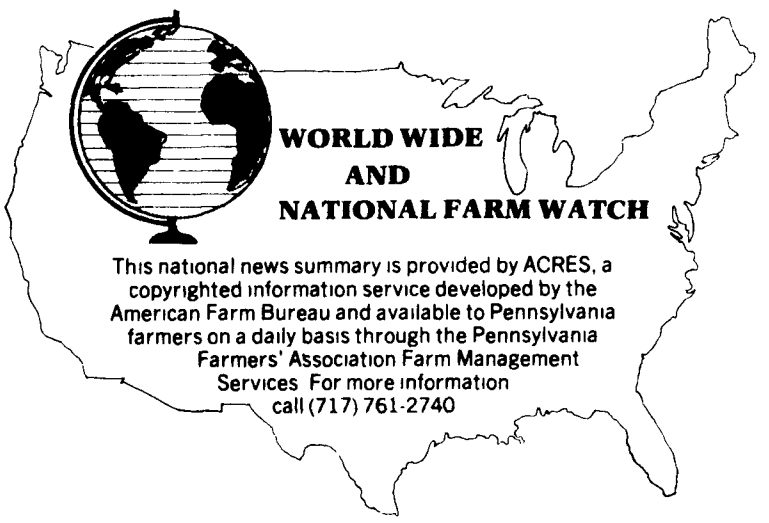
WORLD WIDE
AND
NATIONAL FARM WATCH
This national news summary is provided by ACRES, a copyrighted information service developed by the American Farm Bureau and available to Pennsylvania farmers on a daily basis through the Pennsylvania Farmers' Association Farm Management Services For more information call (717) 761-2740

RCMA Meeting Set For Harrisburg

WILKES-BARRE — The Regional Cooperative Marketing Agency will hold an informational-structural meeting on Monday, Dec. 22 at the Farm Show Building in Harrisburg.

Scheduled for Room B at 1 p.m., the meeting will put together an organization that can move the program along, according to Harold Ely, Pennsylvania's chairman. Richard Grubb, Pennsylvania secretary of agriculture, Arthur Little, acting , representatives of the major cooperatives in Pennsylvania and New York State officials will be on hand to answer questions and aid in the organization.

New Column This Week

Editor's Note: To continue the intense effort to find new and innovative ways to serve the farm and agri business community in a seven state area, Lancaster Farming has made arrangements to go on line with the American Farm Bureau's ACRES Program through the marketing division of the Pennsylvania Farmers' Association. This series of new features will include new markets, market analysis reports, farm management reports, national weather trends and a sped-up international farm news service.

This weeks starts the Worldwide and National Farm News Watch. Other world countries have their own interests. And their interests don't always compliment our own desires. But we need to know the worldwide thinking so we can plan our own involvement in our farming and related businesses.

So watch this farm watch column each week and look for additional new columns as they come on line in the coming weeks

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Seasons Greetings

Peace On Earth
Goodwill...
From Our Staff
To Your Farm And Home!

Rabies Law Signed; Effective In 60 Days

HARRISBURG — Observing that the "alarming spread of rabies among wildlife also may pose a potential threat to humans," Gov. Dick Thornburgh today signed legislation requiring the vaccination of dogs and house cats against the disease.

"Rabies, a dreadful disease that always is fatal once symptoms appear, is transmitted by wild animals, particularly raccoons," Thornburgh noted. "Often these infected wild animals infect domestic animals with which they come in contact, such as dogs and cats, thus providing a potential deadly link to the human population.

"Many Pennsylvanians already have their pets vaccinated against rabies for the animals' protection and to protect family members and neighbors. Senate Bill 562 mandates vaccinations once every three years for all dogs and those cats that spend a part of any day inside a residence."

Sponsored by Sen. Edward W Helfrick (R-Northumberland), the new law takes effect in 60 days.

The owner of an unvaccinated animal covered by the law is subject to a $300 fine for each day the animal is not vaccinated Currently, 46 other states require the vaccination of dogs, while 20 require the vaccination of cats.

All rabies vaccinations are

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Holiday Deadlines

The office of Lancaster Farming will close for the Christmas holiday at noon Wednesday, Dec. 24 and will reopen at 7 a.m. Friday, Dec 26 Deadlines for the Dec. 27 issue are as follows:

Mailbox Market Ads - noon Monday.

Public Sale Ads - 5 p.m. Monday.

General News - 9 a.m. Wednesday

Classified Section B Ads - 4 p m. Tuesday

All Other Classified Ads - 9 a.m. Wednesday.

Late-breaking News - 8 a m Friday.

Livestock market and auction news

Lancaster Market

Monday, December 15, 1986
Report Supplied by PDA

	Cattle	Calves	Hogs	Sheep	Goats
Monday's Receipts	992	86	504	1265	539
Monday's Auction	1039	92	505	1391	744
Last Monday's Auction	1204	164	507	624	520
Last Year's Auction	1201	168	577	1032	452

CATTLE 1039...USDA. Supply included 52% steers, 22% Heifers, 18% Cows and 8% Bulls . Compared with last Thursday's market: Slaughter steers steady, instances $1 lower on Choice; Heifers steady to $1 lower; Cows steady to .50 lower; Bullocks not fully tested, few sales about steady; Bulls steady to weak. Few High Choice & Prime 3-4 steers 1200-1350 lbs. 61.85-62.60, few Good and Choice 1-2 1150-1325 lbs. 62.75-65.00, Choice 2-3 few 4 1100-1460 lbs. 59.50-61.75, High Good & Low Choice 2-3 1000-1350 lbs. 57.00-60, Good 54.00-57.25, High Good & Low Choice 1250-1950 lbs. holsteins 45.00-48.75, couple Choice 50.00-52.00, Standard & Low Good 1100-1400 lbs. 40.00-44.00. Choice 2-3 950-1250 lbs. slaughter heifers 54.50-59.25, Good 48.75-54.50. Breaking Utility and Commercial 2-4 slaughter cows 37.00-38.75, Cutter and Boning Utility 1-3 33.75-38.00, Canner & Low Cutter 31.50-34.50. Couple Choice 1-3 slaughter bullocks 50.00-53.00, Good 1-2, 1000-1250 lbs. 44.75-49.00. Yield Grade No. 1, 1400-1950 lbs. slaughter bulls 49.00-52.25, No. 2, 1000-1450 lbs. 44.75-49.00, few 950-1050 lbs. 42.00-45.00. CALVES 92...Vealers mostly steady. Few High Choice & Prime 240-360 lbs. 95.00-110, Choice 200-350 lbs. 75.00-90, High Good and Low Choice 140-300 lbs. 65.00-75, 110-140 lbs. 45.00-65, 80-110 lbs. 38.00-46.00. Farm Calves: Demand good; Bulk Holstein bulls 95-125 lbs. 80.00-90, few Small Frame 90-110 lbs. 70.00-75.00. Slaughter calves firm to mostly $5 higher; Good and Choice 250-475 lbs. sl. calves 50.00-60.00, few Choice 250-350 lbs. 60.00-65.00.

SHEEP 1391...Wooled slaughter lambs $2 to $4 lower; New Crop Lambs specialty trade $10 to $15 higher; supply included about 35% 20-80 lbs. new crop lambs. High Choice & Prime 80-110 lbs. wool lambs 62.00-67, Choice 80-105 lbs. 60.00-63, Good 70-90 lbs. 58.00-60; Choice 20-45 lbs. new crop lambs 150.00-190, 45-60 lbs. 120.00-150, 60-80 lbs. 80.00-120. Slaughter ewes steady; Utility & Good 20.00-35.00.

GOATS 744...Large Mature 50.00-75, Medium 35.00-50.00, Choice Kids 45.00-65, Good 35.00-45, Plain Kids 20.00-35.00 — all per head.

Vintage Cattle

Tuesday, Dec. 16
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	996	842	6	2
Last Tues.	1182	995	10	8
Last Year	1243	851	15	8

CATTLE: Compared to Monday slaughter steers 1.00-1.50 higher; slaughter heifers not fully tested; cows mostly steady; small supply bulls 1.00-2.00 lower. Supply included 42 percent slaughter steers and 53 percent cows.

SLAUGHTER STEERS: Choice 2-3, few 4 1100-1375 lb. 60.50-63.50, few head 63.50-65.00; around 25 head choice and prime 2-3 1125-1300 lb. 66.00-68.25 with 5 head 69.00-70.00; high good and low choice 2-3 1100-1350 lb. 58.00-60.50; few good 2-3 55.00-57.50; few good to low choice 1365-1555 lb. holsteins 44.25-47.00.

SLAUGHTER HEIFERS: Few head choice 2-3 960-1135 lb. 58.00-59.50.

COWS: Breaking Utility and commercial 2-4 35.75-38.50, few 39.00-40.00; commercial 3-4 34.50-35.50; cutter and boning utility 1-3 34.50-38.00, few 38.00-38.75; canner and low cutter 31.00-34.50.

BULLS: Yield grade 1 1400-1800 lb., three head 1940-2140 lb. 43.00-46.00 few yield grade 2 1200-1460 lb. 40.00-43.00.

VEAL CALVES: Vealers fully steady. Supply included 646 in graded sale, a total of 76 percent of all calves sold to return to farm.

VEALERS: Couple choice 230-270 lb. 81.00-86.00; High good and low choice 140-250 lb. 52.00-71.00, 70-110 lb. 39.00-46.50; few standard 60-80 lb. 25.00-35.00.

RETURNED TO FARM: Bulk 100-125 lb. holstein bulls 90.00-98.00; small frame 100-115 lb. 70.00-83.00 and few 90-95 lb. 50.00-58.00; few 90-115 lb. holstein heifers 53.00-58.00.

SHEEP: No market test.

GOATS: No market test.

Lancaster Auction

Wednesday, Dec. 17
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep	Goats
Wednesday's Receipts	135	11	563	19	2
Wednesday's Auction	82	28	234	0	0
Last Wed.'s Auction	123	12	496	0	0
Last Year's Auction	197	34	327	0	0

CATTLE: Insufficient volume to test trends. Supply included about 50% cows, and these selling steady.

COWS: Few Breaking Utility and Commercial 2-4 37.00-40.00; Cutter and Boning Utility 1-3 34.00-37.25; Canner and low Cutter 31.00-34.00.

VEAL CALVES: No market test.

SHEEP: No market test.

GOATS: No market test.

Indiana Livestock

Homer City, Pa.
Thursday, December 18
Report supplied by PDA

CATTLE: 201. Few Choice 57.50-61.25; Good 53.00-56.50; Standard 45.50-52.00; few Choice heifers 55.00-56.00; Good 50.00-53.50; Standard 42.00-47.00; Breaking Utility & Commercial cows 33.00-37.50; Canner & Low Cutter 28.00-33.50; shells 22.00; YG No. 1, 1200-1800 lb. 42.00-45.75; few No. 2, 1200-1500 lb. 39.00-41.50.

CALVES: 126. 1 Choice 75.00; few Good 58.00-61.00; 90-120 lb. 47.00-53.00; 60-85 lb. 43.00-48.00; hol. bulls 90-125 lb. 62.00-96.00.

HOGS: 204. No. 1-2, 215-250 lb. 52.00-53.00; No. 1-3, 200-255 lb. 51.00-52.10; No. 2-3, 240-265 lb. 48.00-50.00; few No. 1-3, sows 380-550 lb. 44.00-46.00; No. 2-3, 350-600 lb. 40.00-44.00; boars 32.00-36.75.

FEEDER PIGS: 23. 30-40 lb. 27.00-30.00; few 45 lb. 35.00.

SHEEP: 20. Couple High Choice 56 lb. 80.00; lot Choice 106 lb. 68.00; sl. sheep 17.00-24.00.

GOATS: 7. 20.00-41.00.

New Holland Livestock

New Holland, Pa.
Thursday, Dec. 18

	Cattle	Calves	Sheep	Goats
Today	1139	663	160	41
Last Week	1026	691	130	45
Last Year	867	643	140	34

CATTLE: Compared to Tuesday slaughter steers weak to 1.00 lower; slaughter heifers fully steady; cows fully steady; bullocks not fully tested; bulls firm to 1.00 higher. Supply included 39 percent slaughter steers and 50 percent cows.

SLAUGHTER STEERS: Choice 2-3, few 4 1075-1325 lb. 60.75-63.00, few 63.00-64.00; few head choice and prime 3-4 1200-1300 lb. 62.35-63.50, couple head 65.60-67.75; high good and low choice 2-3 1050-1425 lb. 57.00-61.00; few good 2-3 55.00-58.00; good to low choice 1050-1350 lb. holsteins 44.00-48.00, couple choice 48.25-51.00.

SLAUGHTER HEIFERS: Choice 2-3 970-1150 lb. 55.25-58.50, couple choice 2 59.00-61.75; few good 2-3 900-1100 lb. 50.00-54.50.

COWS: Breaking utility and commercial 2-4 36.00-39.50, few 39.50-41.50; commercial 3-4 34.25-36.00; cutter and boning utility 1-3 34.00-38.25, several 38.25-39.00; canner and low cutter 32.00-34.25, few 31.00-32.00.

BULLOCKS: Couple choice 1-3 1150-1325 lb. 49.00-51.50; few good 1-2 1000-1250 lb. 44.50-47.00.

BULLS: Yield grade 1 1450-1900 lb. 48.00-50.75, couple 51.00-52.75; couple 2195-2525 lb. 41.25-42.00; yield grade 2 1000-1450 lb. 44.00-48.00.

VEAL CALVES: Vealers steady to weak, although high choice and prime not fully tested. Demand very good for holstein bulls to return to farm.

VEALERS: High choice and prime 280-380 lb. 92.00-101.00; choice 160-350 lb. 75.00-90.00, few 90.00-96.00; high good and low choice 160-350 lb. 62.00-76.00, 110-160 lb. 45.00-60.00, 70-110 lb. 38.00-45.00; few standard 60-85 lb. 30.00-37.00.

RETURNED TO FARM: Bulk 95-125 lb. holstein bulls 95.00-110.00, several 110.00-117.00; small frame 95-110 lb. 70.00-90.00, few 85-95 lb. 48.00-60.00.

SHEEP: Wooled lambs firm to 5.00 higher; slaughter ewes steady. Supply includes about 35 percent 25-50 lb. new crop lambs.

WOOLED LAMBS: Choice and prime 75-105 lb. 66.00-72.00; few good 65-100 lb. 57.00-63.00.

NEW CROP LAMBS: Choice 25-40 lb. 140.00-152.00, 40-55 lb. 116.00-143.00, few 60-85 lb. 80.00-91.00.

SLAUGHTER EWES- Utility and good 19.00-30.00.

GOATS: All goats sold by the head, bulk of supply medium selling at 50.00-61.00, with 12 head 75.00-86.00; few small 38.00-49.00.

Lancaster County Weekly

Friday, Dec. 19
Report Supplied by PDA

	Cattle	Calves
This Week	3600	1610
Last Week	4358	1826
Last Year	4493	1653

CATTLE: Slaughter steers firm to 1.00 higher; sl. heifers steady to 1.00 lower; cows fully steady; bullocks scarce few sales about steady; bulls steady to 1.00 lower. Supply included 39 per cent sl. steers, 9 per cent sl. heifers, 37 per cent cows, 5 per cent bulls, balance feeders.

SLAUGHTER STEERS: Small supply High Choice & Prime 3-4 1200-1350 lbs. 61.85-63.50, around 25 head Choice & Prime 2-3 1125-1300 lbs. 66.00-68.25; Choice 2-3 few 4 1075-1375 lbs. 60.50-63.50, few head at midweek 63.50-65.00; high Good & low Choice 2-3 1000-1425 lbs. 57.00-60.50 few Good 2-3 55.00-58.00; Good & Choice 1050-1550 lb. holsteins 44.00-48.75, few Choice 49.00-52.00; Standard & low Good 1100-1400 lbs. 40.00-44.00.

SLAUGHTER HEIFERS: Choice 2-3 950-1250 lbs. 54.50-59.25, few Choice 2 60.00-62.50; Good 2-3 900-1150 lbs. 48.75-54.50; Standard & Good 900-1200 lb. heiferettes 42.00-47.00.

COWS: Breaking Utility & Commercial 2-4 35.75-39.50 few head 39.50-41.50; Commercial 3-4 34.25-36.00, Cutter & Boning Utility 1-3 34.00-38.00 several 38.25-39.00; Canner & low Cutter 31.00-34.50.

BULLOCKS: Couple Choice 1-3 1100-1325 lbs. 49.00-53.00; few Good 1-2 1000-1250 lbs. 44.50-49.00.

BULLS: YG 1, 1400-1900 lbs. 48.00-50.75, few 51.00-52.75; couple high dressing 53.00-55.75; YG 2, 1000-1450 lbs. 44.50-49.00, few 950-1050 lbs. 40.00-45.00.

VEAL CALVES: Vealers steady to weak, sl. calves firm to 5.00 higher. Demand very good for holstein bulls to return to farm.

VEALERS: High Choice & Prime 240-380 lbs. 92.00-101.00 couple head 102.00-110.00; Choice 160-350 lbs. 75.00-90.00 few 90.00-96.00; high Good & low Choice 160-350 lbs. 62.00-76.00, 110-140 lbs. 45.00-65.00, 70-110 lbs. 38.00-46.00; few Standard 60-85 lbs. 25.00-37.00.

SLAUGHTER CALVES: Good & Choice 250-475 lbs. 50.00-60.00; few Choice 250-350 lbs. 60.00-65.00.

Lancaster County Weekly

RETURNED TO FARM: Bulk 95-125 lb. holstein bulls 90.00-110.00, several light 110.00-117.00; small frame 95-110 lbs. 70.00-90.00, few 85-95 lbs. 48.00-60.00; few 90-115 lb. holstein heifers 53.00-58.00.

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Open 24 hours a day
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AUCTIONS

MONDAY
9:00 A.M. —Slaughter Bulls, Heifers, Steers, Cows
10:00 A.M. —Goats, Veal Calves, Lambs
12 Noon —Slaughter Hogs

WEDNESDAY
8:00 A.M —Slaughter Hogs
10:00 A.M —Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M —Veal Calves, Lambs

FRIDAY
11:00 A.M —Stocker and Feeder Cattle

SATURDAY
8.00 A.M —Slaughter Hogs

LANCASTER STOCKYARDS, INC.
Holiday Schedule
No Auctions Dec. 24, 26, 31 & Jan. 2
WE WISH YOU ALL HAPPY HOLIDAYS AND BEST WISHES FOR THE NEW YEAR
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Buyers & Sellers Welcome

HOG MARKETS

Lancaster Hogs

Lancaster Stockyards
Sat., Dec. 13, 1986
Report supplied by auction

864 head.

U.S. #1: 210-250 lbs., 57.00-58.50; U.S. #1&2: 205-250 lbs., 55.75-56.75; U.S. #1&3: 200-265 lbs., 54.50-55.50; U.S. #2&4: 200-250 lbs., 53.00-54.25.

Sows: 275-485 lbs., 41 00-46.75.

Boars: 190-255 lbs., 40.00-42.25; 300-675 lbs., 35.00-38.25.

Indianapolis Hogs

Thursday, Dec. 18, 1986

550. Barrows & gilts slow, .50-1.00 lower.

US 1-3 225-250 lb. 50.50-51.00.

US 2-4 220-260 lb. 49.25-50.50.

SOWS: Active; under 500 lb. steady- 1.00 higher; over 500 lb. steady- 1.00 lower.

US 1-3 410-585 lb. 37.00-39.00.

BOARS: Few over 350 lb. 37.00.

Vintage Hogs

Paradise, PA
Saturday, Dec. 13, 1986
Report supplied by Auction

1's and 2's, 210-260 lbs., 54.75-57.75; Sows, 315-630 lbs., 36.00-45.75; No market for Boars.

New Holland Feeder Pigs

Wednesday, Dec. 17, 1986
Report Supplied by Auction

Today	1408
Last Wednesday	1467
Last Year	1588

TREND: Compared to last Wednesday feeder pigs 50 lb. 10.00-14.00 higher, over 50 lb. generally steady. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 70 hd. 16-26 lbs. 168.00-184.00; 163 hd. 30-39 lbs. 130.00-150.00; 333 hd. 40-49 lbs. 114.00-130.00; 187 hd. 50-59 lbs. 100.00-115.00; 133 hd. 60-69 lbs. 91.00-100.00; 15 hd., 70-82 lbs. 87.00-95.00.

US 2: 108 hd. 40-44 lbs. 109.00-114.00; 29 hd. 56 lbs. 97.00.

US 2-3: 53 hd. 24-27 lbs. 140.00-144.00; 79 hd. 30-39 lbs. 122.00-132.00; 112 hd. 40-49 lbs. 93.00-102.00; 12 hd. 56-57 lbs. 88.00-90.00.

Lancaster Hogs

Monday, Dec. 15, 1986

HOGS: Compared to last Wednesday barrows and gilts 50-1.00 higher; sows fully steady.

BARROWS AND GILTS: US 1-2 210-245 lb. 55.50-56.50; US 1 210-240 lb. 57.00-58.50; US 1-3 200-255 lb. 54.75-55.50; US 2-4 220-265 lb. 54.00-54.75.

SOWS: US 1-2 300-500 lb. 38.00-43.00, few 43.00-45.00; US 1-3 500-650 lb. 42.00-45.50.

Wednesday, Dec. 17, 1986

HOGS: Compared to Monday barrows and gilts 50-1.00 lower; sows 1.00-3.00 lower.

BARROWS AND GILTS: US 1-2 200-245 lb. 54.50-55.50, Few late 55.50-56.00; US 1 Around 10 head 205-235 lb. 56.00-57.50; US 1-3 200-255 lb. 54.00-54.50.

SOWS: US 1-3 300-600 lb. 36.00-40.00.

New Holland Hogs

New Holland Sales Stables
New Holland, PA
Monday, Dec. 15, 1986
Report Supplied by Auction

Today	979
Last Monday	1111
Last Year	1158

TREND: Compared to last Monday barrows and gilts firm to .50 higher.

BARROWS AND GILTS: US 1-2 210-250 lb. 55.00-56.00, Few 56.00-56.50; US 1 210-245 lbs. 58.00-58.50; US 1-3 200-250 lb. 53.50-54.50, 250-280 lb. 51.00-53.50.

Peoria Hogs

Thursday, Dec. 18

2500 - Barrows & gilts moderate, steady- 25 higher.

US 1-2 200-240 lb. 51.50-52.00, few 51.00, few 51.00, 140 head early 52.25-52.50.

US 1-3 200-240 lb. 50.50-51.50.

SOWS: Mostly .50, instances 1.00 higher. (13%)

US 1-2 350-500 lbs. 41.00-41.50.

US 1-3 500-650 lb. Mostly 43.00, some 43.50.

BOARS: Over 350 lb. 38.50; under 350 lb. 37.00-38.00.

St. Louis Hogs

Thursday, Dec. 18

3500 - Barrows & gilts active, 200-250 lb. .50 higher; 250-260 lb. steady; 260 lb. & up 1.00 higher. 250-260 lb. are under downward price pressue.

US 1-3 200-250 lb. 51.00-51.50, 275 head 51.75 for commodity interest.

250-260 lb. 49.50-50.00

SOWS: Under 500 lb. steady-.50 lower; over 500 lb. 1.00-1.50 lower. (About 10%)

US 1-2 300-500 lb. 40.50.

US 1-3 Over 500 lb. 42.50-44.00, package early 41.00-42.00.

BOARS: Over 300 lb. 37.50-38.00; under 300 lb. 35.00-37.00.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock

	CATTLE	CALVES	HOGS	SHEEP
Thursday 12/18/86				
Week To Date (Est.)	518,000	48,000	1,127,000	87,000
Same Pd. Lt. Wk. (Est.)	523,000	48,000	1,200,000	87,000
Same Pd. Lt. Yr. (Act)	504,000	54,000	1,272,000	98,000

GRAIN, CATTLE AND HOG FUTURES MARKETS

(Daily closing bids: Friday, Dec. 12 through Thursday, Dec. 18)

CORN

	FRI.	MON.	TUES.	WED.	THURS.
DEC.	154½	154¼	154¼	152½	152¼
MAR. 87	165¼	165¾	166	164½	163¾
MAY	171¾	172	172¼	171¼	170½
JULY	175¼	175¾	175¾	173¾	174
SEPT.	178	179	179¼	178¼	177½
DEC.	182¼	183¼	183½	182½	180¼

SOYBEANS

	FRI.	MON.	TUES.	WED.	THURS.
JAN.	486¼	487¼	488	485½	485¼
MAR. 87	489½	489¾	491	488¼	487¾
MAY	493	493	494½	491¼	491
JUL.	495¾	495	496½	493½	493
AUG.	495¼	494½	496	492½	492
SEP.	490½	489¼	490½	485½	485
NOV.	492	490½	492	486¾	486

CHICAGO CATTLE

	FRI.	MON.	TUES.	WED.	THURS.
DEC.	60.22	59.40	59.65	59.77	59.90
FEB. 87	56.82	56.45	56.85	56.42	56.12
APR.	57.02	56.75	57.02	56.65	56.25
JUN.	56.40	56.20	56.52	56.12	55.70
AUG.	55.35	55.27	55.45	55.10	54.87
OCT.	54.10	54.10	54.25	54.00	54.00

WHEAT

	FRI.	MON.	TUES.	WED.	THURS.
DEC.	279¾	282½	279¾	278	279
MAR. 87	275¾	277¼	275¾	272¼	272
MAY	262½	263¾	261¾	260	258½
JULY	245¾	246½	244	243¼	242¼
SEPT.	247	247½	245	244¼	243½

SOYBEAN MEAL

	FRI.	MON.	TUES.	WED.	THURS.
DEC.	143.90	144.60	143.70	141.70	142.60
JAN. 87	143.60	143.90	143.10	141.10	141.50
MAR.	143.60	143.70	143.00	141.30	141.40
MAY	144.10	143.90	143.40	141.70	141.80
JULY	144.50	144.10	143.50	142.20	142.20
AUG.	144.70	144.10	143.60	142.50	142.40
SEPT.	145.50	144.60	144.30	143.00	143.00

CHICAGO HOGS

	FRI.	MON.	TUES.	WED.	THURS.
DEC.	55.30	54.17	54.02	53.90	53.42
FEB. 87	51.22	50.32	50.60	50.45	50.05
APR.	46.22	45.42	45.55	45.42	45.27
JUN.	48.00	47.12	47.50	47.20	47.17
JUL.	47.70	47.05	47.17	47.12	46.97
AUG.	44.70	44.20	44.22	44.20	44.15
OCT.	41.25	40.90	41.00	41.05	40.97

Walter M. Dunlap and Sons offers all cattle feeders two marketing days — Give us a call for advice and marketing conditions.

MONDAYS OR WEDNESDAYS

Consign With Us — For the Marketing Edge

We are buying feeder pigs
★ ★ ★ Direct off the farm ★ ★ ★
Give us a call whether you are buying or selling

— HOLIDAY SCHEDULE -
CHRISTMAS - Closed Dec. 24, 25, 26
NEW YEAR - Closed Dec. 31, Jan. 1, 2
Open For Business As Usual
Saturdays, Dec. 27 & Jan. 3

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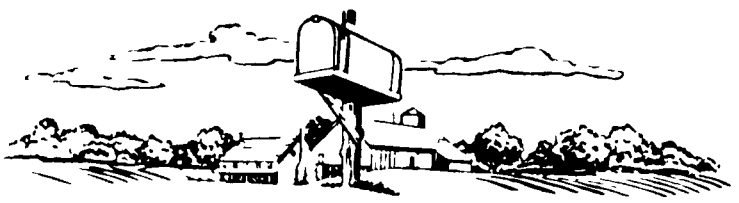

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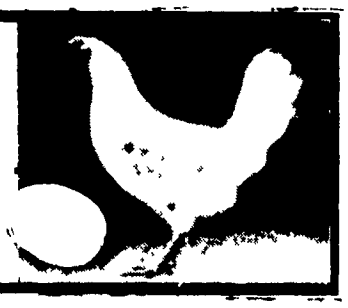
POULTRY MARKETS



Delmarva Poultry

Thursday, Dec. 18, 1986

Market Comment: Demand for ready to cook whole birds was again light to fair and disappointing overall. Offerings were irregular but more than sufficient to handle current inquiry, particularly on three pound and heavier sizes. Demand in the parts complex was best on adequate to barely adequate stocks of wings. All other items were at least adequate for current inquiry with legs and leg quarters still distressed in most quarters. Less than trucklot asking prices were generally unchanged at 41-49 cents. Some trucklot activity was noted as low as 39 cents. Live supplies were at least adequate. Weights were desirable to mostly heavy. Slaughter schedules were moderately heavy. The undertone was just steady.

Estimated slaughter of broiler fryers in Delmarva:

Estimated 12/18 1,960,000; Actual 12/11 1,930,000.

Actual 12/16 2,018,000.

Average Weights 12/16 4.51, 12/9 4.66.

Heinsey's Poultry Report

Root's, East Petersburg
Tuesday, Dec. 16, 1986
Report supplied by auction

Muscovy Ducks, Drakes: range .72-.90 per lb.

Muscovy Ducks, Hens: range .54-.70 per lb.

Pekin Ducks: range .30-.48 per lb.

Pullets: 6-9 lbs. range .42-.50 per lb.

Red Fowl: 4:4½ lbs. range .20-.34 per lb.

Red Fowl: 5-6 lbs. range .32-.54 per lb.

Crossbred Fowl: 5-9 lbs. range .32-.48 per lb.

Crossbred Roosters: 4-6 lbs. range .40-.72 per lb.

Crossbred Roosters: 7-11 lbs. range .30-.54 per lb.

Guinea Fowl: range 1.10-2.05 per lb.

Banty Roosters: range 1.00-4.50 ea.

Banty Hens: range .50-1.25 ea.

Leghorn Hens: range .12-.22 per lb.

Geese: 8-18 lbs. range .20-.68 per lb.

Capons: 9-13 lbs. range .60-.80 per lb.

Pigeons: range 1.30-1.75 ea.

White Pigeons: range 2.50-3.00 ea.

Silkies: range 3.00-5.50 ea.

Doves: range 2.50-3.00 ea.

Rabbits: 4-6 lbs. range 1.10-1.46 per lb.

Rabbits: 7-11 lbs. range .90-1.20 per lb.

Bunnies: .75-1.50 ea.

Guinea Pigs: range .50-4.00 ea.

Goats: range 30.00-41.00 ea.

Kid Goats: range 21.00-36.00 ea.

Total Number of Coops: 949.

Eastern PA and NJ Poultry

Wednesday, Dec. 17, 1986
Report Supplied by USDA

Market Comment: Prices were lower with spot bookings into next week at unchanged levels. Demand just fair and unaggressive as plants look to holiday reduced schedules over the next couple of weeks. Offerings fully sufficient on light type. Broiler fryer offerings have been heavy, but plant receipts have been irregular as most had previously committed time and space.

Prices Paid at Farm:

Light Type Hens: 10-14, mostly 11-12; F.O.B. Plant too few to report.

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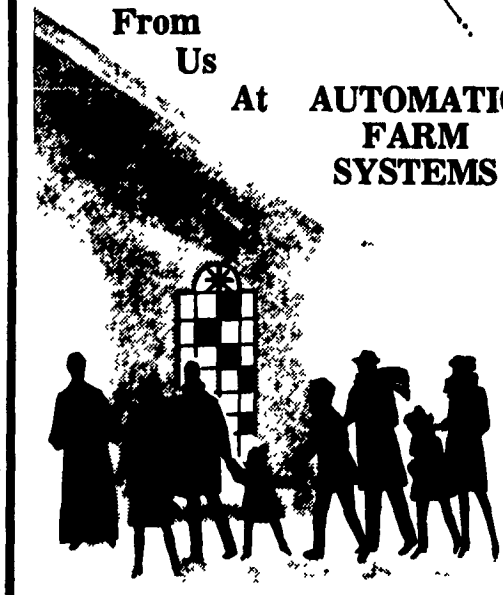

Let's worship the ONE who gives meaning to this season.

automatic farm systems
608 Evergreen Rd.
Lebanon, PA 17042
(717) 274-5333

N.E. Weekly Shell Egg Report

Tuesday, Dec. 16
Report Supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
N. HAMP.	.91-.95	.87-.91	.80-.84	.53-.57
Mostly	.93-.94	.89-.90	.82-.83	.55-.56
R.I.	.94-.98	.90-.94	.83-.87	.56-.60
Mostly	.94	.90	.83	.56
VERMONT	.97-1.04	.95-.99	.80-.92	
Mostly	1.00	.98	.90	
MAINE	.98-1.05	.94-1.01	.87-.94	.60-.65

Weekly New York Egg Market Northeast Quotes

From Friday Dec. 12 to Thursday, Dec. 18

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	.86	.86	.86	.86	.84
Ex. Large	.81	.81	.81	.81	.81
Large	.78	.78	.78	.78	.78
Medium	.68	.68	.68	.68	.68
Pullets	.60	.60	.60	.60	.60
Off Grade	.68	.68	.68	.68	.68
BROWN					
Ex. Large	.97	.97	.97	.97	.97
Large	.91	.91	.91	.91	.91
Mediums	.75	.75	.75	.75	.75
OFF GRADE					
Undergrades	.42	.42	.42	.41	.40
Checks	.40	.40	.40	.39	.38

Breaking Stocks: Friday 42-44 lbs. 38.00-40.00; 48-50 lbs. 47.00-48.00; 50 lbs. up 48.00-49.00; Wednesday 48-50 lbs. 46.00-47.00; 50 lbs. up 47.00-48.00; Thursday 42-44 lbs. 37.00-39.00; 48-50 lbs. 45.00-47.00.

Hackettstown Poultry & Egg

Hackettstown, N.J.
Tuesday, Dec. 16
Report Supplied by Auction

Heavy Fowl .10-.25.
Leghorn Fowl .02-.03.
Bantams .10-.65.
Roasters .30-.80.
Bunnies ea. .75-1.30.
Geese .25-.50.
Roosters .40-.85.
Turkey .15-.35.
Ducks .20-.85.
Rabbits .50-.1.70.
Pigeons .25-2.00.
Guineas 1.35-1.50.

Eggs
White
Grade A

Jumbo X Lge. .82-.98; Large .54-.78; Medium .48-.65; Small .43.

Brown

Jumbo X Lge. .97-1.11; Large .82-.92; Medium .79-.87.

New York Multiple Drop Broiler Report

Thursday, Dec. 18, 1986
Report Supplied by USDA

Current broiler-fryer negotiated prices for immediate delivery includes mostly multiple drop shipments to New York City from Delmarva.

Range: U.S. Grade A 39-49.

Weighted AVG.; U.S. Grade A 45.70.

Premium (X) Boxes 9,758

(X) Includes special services, selected competitive brands, etc.

Philadelphia Eggs

Thursday, Dec. 18, 1986
Report Supplied by USDA

Market Comment: Prices were unchanged. Cartoned egg movement was disappointing in some quarters and only fair: better in others. Some dealers were still in wait of a last minute surge in orders. Supplies of both loose and graded stocks were usually adequate to fully adequate.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large .74-.76; A Large .72-.74; A Medium .62-.63½.

Northeast Chicken Parts

Thursday, December 18, 1986

Comment: Trading activity was mixed on rib-on-breasts; although some dealers were asking more, trading was usually accomplished at unchanged levels. Offerings were fully adequate. Some dealers noted a difficulty in moving line-run breasts at increasingly competitive price levels while cutlets were mostly steady. Legs and leg quarters remained in a weak position and difficult to move at any level. Wings were in the firmest position although sales were only about moderate.

Breasts, skinned boneless- 1.85-1.90.
Rib-on-breasts .88-.90.
Line one breasts .85.
Legs .30-.32.
Leg quarters .20-.21.
Wings .52-.53.
Backs and necks .10-.12.
Livers .10-.15.
Gizzards (hearts) .40.

Today's negotiated sales as of 11:30 a.m. prices paid per pound on ice packed part delivered in pool trucklot and trucklot quantities.

Praised Be He.

Wishing you the special gifts of Christmas ...joy, peace and love.

Moyer's CHICKS, INC.

A Blessed Christmas

The miraculous light of a star shone in the heavens,
and angel voices heralded the coming of
the Saviour, on that Holy Night nearly two thousand years ago.
May the spirit of the Nativity... the awe and wonder of
simple shepherds, the rejoicing and reverence of the wise men
...be with us in this blessed Christmas season, and may it inspire us
always in our hope for peace, brotherhood and understanding.

pennfield feeds

HAY MARKETS

Pa. Grain

Monday, Dec. 15
Report supplied by PDA

COMPARED WITH LAST MONDAY'S MARKET FOR SOUTHEASTERN, CENTRAL AND SOUTH CENTRAL PA.: Corn uneven, mostly steady to .50 lower; Wheat steady; Barley and Ear Corn fully steady; Oats steady to .10 higher, instances .20 higher; Soybeans steady to .15 lower.

Southeastern Pennsylvania

Corn No. 2-y range 1.65-1.95, average 1.82; @Wheat No. 2 range 2.35-2.85, few reported 3 21, average 2.73, *Contract for Harvest 2.35-2.61; Barley No. 3 range 1.30-1.50, few reported 1.65, average 1.43, *Contract for Harvest 1.30; Oats No. 2 range 1.15-1.50, average 1.34; Soybeans No. 1 range 4.60-4.79, average 4.68; *Gr. Sorghum #2 range 1.60, average 1.60; #New Ear Corn range 39.00-55.00, average 45.90.

Central Pennsylvania

Corn No. 2-y range 1.65-1.90, average 1.77; @Wheat No. 2 range 2.35-2.80, average 2.59; Barley No. 3 range 1.25-1.35, average 1.31; Oats No. 2 range 1.00-1.25, average 1.14; Soybeans No. 1 range 4.40-4.75, average 4.61; *Gr. Sorghum #2 range 1.50, average 1.50; *+Buckwheat range 8.50-9.50, average 9.00; *Old Ear Corn range 43.00-55.00, average 48.43; #New Ear Corn range 36.00-45.00, average 39.71.

South Central Pennsylvania

Corn No. 2-y range 1.65-1.95, average 1.81; @Wheat No. 2 2.30-2.60, average 2.43; Barley No. 3 range 1.20-1.60, average 1.39; Oats No. 2 .90-1.35, few reported 1.50, average 1.21; #New Ear Corn range 40.00-50.00, average 48.14.

Western Pennsylvania

Corn No. 2-y range 1.50-1.80, few reported 2.00, average 1.72; @Wheat No. 2 range 2.20-2.30, average 2.27; Oats No. 2 range 1.00-1.40, few reported 1,55, average 1.23; *Old Ear Corn range 55.00, average 55.00; #New Ear Corn range 49.00, average 49.00.

Southeastern, Central & South Central Summary

Corn No. 2-y range 1.65-1.95, average 1.80; @Wheat No. 2-y range 2.35-2.85, average 2.62; Barley No. 3 range 1.25-1.50, average 1.38; Oats No. 2 range 1.00-1.50, average 1.23; Soybeans No. 1 range 4.60-4.79, average 4.66; #New Ear Corn range 39.00-55.00, average 44.75.

Month Ago

Corn No. 2-y range 1.77; @Wheat No. 2-y range 2.56; Barley No. 3 range 1.33; Oats No. 2 range 1.08; Soybeans No. 1 range 4.67; #New Ear Corn range 41.50.

Year Ago

Corn No. 2-y average 2.45; @Wheat No. 2-y average 3.02; Barley No. 3 average 1.61; Oats No. 2 average 1.06; Soybeans No. 1 average 4.85; #New Ear Corn average 55.91.

Regional Hay

Eastern, Pa.
On-Farm Sales

HAY & STRAW MARKET FOR EASTERN PA. (All Hay No. 2 and better prices paid by dealers at the farm and per ton.) - Hay and Straw steady to $5 higher.

Alfalfa 90.00-110.00; Mixed Hay 75.00-100.00; Timothy 75.00-100.00; Straw 65.00-90.00; Mulch 30.00-40.00.

Lancaster Co. Auctions

SUMMARY OF LANCASTER CO. HAY AUCTIONS For Week Ending 12/12. PRICES PER TON: LOADS: 310 Hay, 89 Straw, and 22 Ear Corn.

Alfalfa 96.00-145.00; Mixed Hay 80.00-136.00; Timothy 80.00-148.00; Straw 86.00-140.00; Ear Corn 55.00-80.00.

Central Pa. Hay Auctions

SUMMARY OF CENTRAL PA. HAY AUCTIONS For Week Ending 12/12. PRICES PER TON: LOADS: 140 Hay, 18 Straw, and 5 Ear Corn.

Alfalfa 90.00-143.00; Mixed Hay 76.00-116.00; Timothy 85.00-113.00; Straw 59.00-100.00; Ear Corn 55.00-67.50.

Chambersburg Hay

Chambersburg, PA
Thursday, Dec. 18
Report Supplied by Auction

5 loads.

Alfalfa, 125.00-137.00; Orchard Grass, 114.00; Timothy, 107.00.

Keister's Hay

Middleburg, PA
Tuesday, Dec. 16
Report supplied by auction

32 loads Hay Alfalfa, 112.50-120.00; Mixed Hay, 67.50-125.00; Timothy, 95.00.

8 loads Straw, 75.00-125.00; 4 loads Ear Corn, 50.00-60.00.

6 loads Fireplace Wood, 23.00-39.00 ld.

Green Dragon Hay

Ephrata, PA
Friday, Dec. 12
Report supplied by Auction

140 loads.

Mixed Hay, 80.00-140.00; Oat Hay, 81.00; Alfalfa, 75.00-135.00; Grass Hay, 79.00-102.00.

Clover, 79.00; Timothy, 80.00-143.00.

Rye Hay, 60.00 load; Stubble Hay, 100.00; Straw, 94.00-125.00; Ear Corn, 55.00-77.00.

Oats, 1.90 bu.; Wood Shavings, 1.80 bag; Wood, 75.00 load.

Belleville Hay

Belleville, PA
Wednesday, Dec. 17
Report supplied by Auction

43 loads Hay; Alfalfa, 70.00-125.00; Mixed Hay, 67.50-120.00; 8 loads Straw, 75.00-100.00.

1 load Corn Fodder, 60.00; 2 loads Ear Corn, 60.00-65.00.

Dewart Hay

Dewart, PA.
Monday, Dec. 15, 1986
Report Supplied by Auction

8 loads Hay, 65.00-99.00; 2 loads Straw, 45.00-55.00; 10 loads Wood, 40.00-42.00 ld.

48% Soybean Meal, $205.80
Distillers Grains, $174.00
Per Ton — Delivered
EVEN LOWER PRICES FOR LARGER QUANTITIES.
Buy up to 11 tons and save more! No extra charge to blend these ingredients
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NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY
FAT HOGS
EARLY BIRD HOG SALE
7:30 AM
For Your Protection Your Hogs Must Be Identified

10:00 AM
HORSES MULES

11:00 AM
HAY
STRAW
GRAIN

1:30 PM
BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY
12:00 NOON
NO SALE WED., DEC. 24
NO SALE WED., DEC. 24
DAIRY COWS
HEIFERS, BULLS

NOTICE
Beginning Dec. 31 Sale Starts At 11:00 AM

NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster
on Route 23, New Holland, Penna
The Action Auction
717-354-4341
Mgr - Abe Diffenbach - 717-393-4464
Norman Kolb - 717-397-5538
Field Representatives
Alan Diffenbach 717-656-9806
Luke Eberly 215-267-6608 - 738-1865

WEDNESDAY - 1:30 P.M.
FEEDER PIG SALE

We endeavor to keep our barns cleaner than yours. State graded until 12 Noon

THURSDAY
10:00 AM
BULLS -
STEERS - BEEF COWS

2:30 P.M.
CALVES
SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Good's Hay

Leola, Pa.
Wednesday, Dec. 17, 1986
Report Supplied by Auction

123 loads.

Alfalfa, 52.00-125.00; Mixed Hay, 80.00-178.00; Timothy, 96.00-130.00; Straw, 75.00-117.00; Corn, 63.00-74.00; Oats, 1.75-1.95 bu.

Orchard Grass, 115.00; Canary Grass, 93.00; Clover, 102.00; Grass, 92.00-100.00.

Leinbach's Hay

Shippensburg, PA
Dec. 13 & 16, 1986
Report supplied by Auction

73 loads.

Alfalfa, 81.00-160.00; Mixed Hay, 72.50-140.00; Timothy, 99.00-125.00. Clover, 96.00; Straw, 69.00-102.00; Ear Corn, 66.00-71.00; Fodder, 55.00; Wood, 23.00-47.50 pick-up ld.

New Holland Hay

New Holland, PA
Monday, Dec. 18
Report Supplied by Auction

205 loads.

Alfalfa, 24 at 125.00-150.00, 20 at 100.00-125.00, 5 at 88.00-100.00; Mixed Hay, 5 at 125.00-147.00, 24 at 100.00-125.00, 17 at 72.50-100.00.

Timothy, 5 at 125.00-140.00, 25 at 100.00-125.00, 2 at 91.00 and 100.00.

Clover, 3 at 91.00-97.00; Mixed Grass, 4 at 90.00-110.00; Straw, 8 at 125.00-139.00, 26 at 100.00-125.00, 10 at 72.00-100.00; Ear Corn, 7 at 65.00-76.00; Corn Fodder, 78.00-79.00; Soybean Stalks, 72.00-84.00.

Frederick Co. Hay

Buckeystown, Md.
Thursday, Dec. 18, 1986
Report Supplied by Auction

Rain. 59 loads. Market about steady on all grades Hay and little weaker on Straw.

Alfalfa, 4 loads good or better, 142.00-170.00, 14 fair to good, 115.00-138.00, 2 damaged, 90.00-97.00; Timothy, 8 fair to good, 106.00-129.00; Timothy and Clover, 3 good, 112.00-120.00, 1 dark 92.00.

Mixed Hay, 6 fair to good, 81.00-104.00; Alfalfa Mix, 4 fair to good, 105.00-132.00; Straw, 10 wheat, 78.00-90.00, oat, 75.00; 4 loads Oak Firewood, 80.00-88.00. cord.

King's Hay

Kirkwood, Pa.
Tuesday, Dec. 16, 1986
Report supplied by Auction

35 loads. Alfalfa, 93.00-136.00; Alfalfa Mix 113.00-136.00; Mixed Hay, 100.00-120.00; Timothy and Timothy Mix, 101.00-116.00; Grass Hay, 91.00-100.00; Bean Stubble, 76.00; 11 loads straw, 100.00-116.00. One load ear corn, 73.00.

Vintage Hay

Paradise, PA
Thursday, Dec. 18
Report Supplied by Auction

Hay, 99.00-127.00; Straw, 82.00; Corn, 69.00; Wood, 35.00 ld.

New Holland Horses

New Holland Sales Stables
New Holland, PA
Monday, Dec. 15, 1986
Report supplied by auction

Registered receipts of 268 head of horses, mules and ponies.
Market: steady.

Local
Driving Horses 250.00-1025.00.
Riding Horses 150.00-400.00.
Lightweight Killers 115.00-225.00.
Heavyweight Killers 275.00-390.00.
Mare Ponies 25.00-65.00.
Colts 10.00-20.00.
Gelding Ponies 25.00-65.00.
Larger Ponies 100.00-150.00.

Eighty-Four Livestock Auction

Eighty-Four, Pa.
Monday, Dec. 15, 1986
Report Supplied by PDA

CATTLE 374... PDA...Few Choice slaughter steers 57.00-58.00, Good 54.00-56.00, Standard 48.00-53.00. Few Choice slaughter heifers 56.00-57.75, Good 50.00-54.00, Standard 44.00-47.00, Utility 38.00-42.00. Breaking Utility and Commercial slaughter cows 37.00-40.00, Cutter and Boning Utility 34.00-38.50, Canner and Low Cutter 30.00-34.00, Shells down to 25.00. Yield Grade No. 1, 1000-1700 lbs. slaughter bulls 42.00-46.75, No. 2, 950-1500 lbs. 38.75-41.50. Feeder Cattle: Medium & Large Frame No. 1, 350-580 lbs. steers 55.00-61.00. Medium & Large Frame No. 1, 325-500 lbs. heifers 50.00-55.00. Medium & Large Frame No. 1, 300-600 lbs. bulls 53.00-59.00.

CALVES 225...Few Choice vealers 75.00-79.00, few Good 63.00-75.00, Standard and Good 90-120 lbs. 48.00-55.00, 60-85 lbs. 38.00-48.00, few Utility 50-90 lbs. 30.00-36.00. Farm Calves: Holstein bulls 90-125 lbs. 60.00-90.00.

HOGS 137...US No. 1-2 220-240 lbs. barrows and gilts 51.75-52.75, 1-3 205-250 lbs. 50.00-51.50, few 2-4 287 lbs. 47.00, lot 1-3 199 lbs. 48.75. Few US No. 1-3 400-620 lbs. sows 46.00-49.50, 2-3 400-700 lbs. 38.00-44.00. Few Boars 32.00-35.00.

FEEDER PIGS 19...Few US No. 3 65-90 lbs. feeder pigs 39.00-44.00 — all per head.

SHEEP 81...Few High Choice & Prime 95-101 lbs. wooled slaughter lambs 67.00-68.50, Choice 95-105 lbs. 65.00-66.50, Good & Choice 55-65 lbs. feeder lambs 68.00-84.50, few Utility 45 lbs. 34.00. Slaughter sheep 18.00-22.00.

GOATS 8...15.00-41.00 – per head.

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LANCASTER SILO CO., INC.
2008 Horseshoe Road
Lancaster, Pa. 17601
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NEW MARKET, VA
EVERY TUESDAY, AT 11:30 A.M.
Open to everyone to buy & sell.
Drought Stricken area in the heart of the Shenandoah Valley Horse Country, Dairy & Beef Cattle Country. 3% Commission will be charged to the sellers.
Auction will be conducted at the F & S Auto Auction, located on Rt. 11 North, 2 miles North of New Market, VA and 3 miles South of Mount Jackson, VA.
Our policy is cash, certified check or bank approved letter.
For more information call:
703-740-8005 or 703-298-9187.

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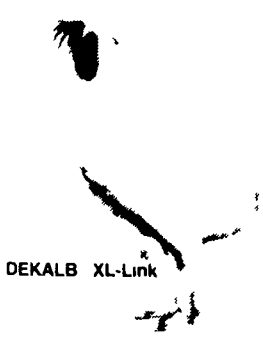
The American birds backed by research and performance



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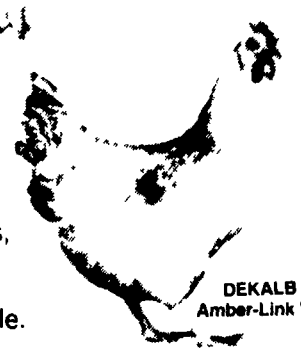
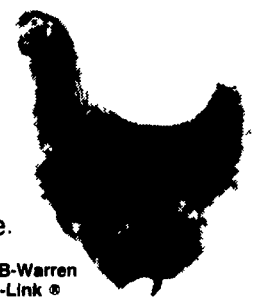


Proving herself year after year under varying conditions. High performance.



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43 Years Of Commitment to the Poultry Industry	Provides you with a consistent & reliable performer.
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12:00
Located Rt 472 5 miles south of Quarryville or 6 miles north of Oxford at Shaub s Auction House
Lloyd H Kreider
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ALL TRUCKERS AND FARMERS WELCOME

ATTENTION
LIVESTOCK PRODUCERS
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The December quarterly hogs & pigs report will be released on Dec. 22nd
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THE OLD FARMER'S ALMANAC

DEC. 22-28, 1986

Christmas cheer this time of year.

Christmas Day Dec 25 American frontiersman and soldier Christopher Kit Carson born in Madison Co Ky Dec 24 1809 Last quarter of the moon Dec 24 (Wed) Hanukkah festival begins Dec 27 Average length of days for the week 9 hours, 5 minutes Vice president John C Calhoun resigned Dec 28, 1832 Earthquake in Messina, Sicily, killed 80 000 Dec 28 1908 *A change of fortune hurts a wise man no more than a change of the moon*

Ask the Old Farmer: Why do we have what is called plum pudding when to my knowledge no plums have been included in this recipe? I T Barnstead N H *Old-time New Englanders always called raisins "plums" Plum pudding plum porridge and plum cake were all made with raisins*

Home Hints Turn house plants regularly to assure even growth Some plants reach out toward the sun others grow away from it

OLD FARMER'S WEATHER FORECAST

New England: Week begins cloudy with mild temperatures midweek sunny snow possible north end of week snowstorm with cold temperatures

Greater New York-New Jersey: Beginning of week sunny with seasonable temperatures cloudy and very cold mid through end of week

Middle Atlantic Coastal: Beginning of week sunny with mild temperatures mid week cold with freezing rain end of week clear

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Greencastle Livestock

Greencastle, Pa.
Monday, Dec. 15

CATTLE 502. SLAUGHTER STEERS: Choice & Prime 58.00-61.50, few to 62.85; Good & Choice 52.00-58.75; Good & Choice — Holstein 45.00-51.00; Standard & Good Holstein — 40.00-45.50.

SLAUGHTER HEIFERS: Choice 57.00-61.00, few to 63.00; Good & Choice 50.00-57.50; Standard & Good 43.00-50.25.

COWS: Utility & Commercial 35.50-38.50, few to 40.00; Cutter & Boning Utility 33.50-38.00, few to 39.75; Canner & Low Cutter 34.00 & down.

BULLS--ALL WEIGHTS: Yield Grade 1 45.00-50.00, few to 53.00; Yield Grade 2 39.00-45.50.

STOCKER CATTLE--ALL WEIGHTS. Steers — Medium & Good 47.00-54.50; Heifers — Medium & Good 45.00-51.50; Bulls — Medium & Good 40.00-50.00; Steers — Holstein 35.50-41.50.

CALVES 460. Good & Choice — 125 to 250 pounds 65.00-85.00, few to 93.00; Medium & Good — 125 to 250 pounds 55.00-65.00; Medium & Good — 80 to 120 pounds 48.00-60.00; Light & Cull — all weights 48.00 & down; Holstein Bulls — return to farm up to 104.00; Holstein Heifers — return to farm up to 63.00.

LAMBS, SHEEP & GOATS 102. Choice Lambs 64.00-66.00; Medium & Good Lambs 58.00-64.00; Light & Lambs 60.00-68.50; Sheep, Ewes & Bucks 18.00-25.00; Goats — all sizes (by head) 15.00-40.00.

HOGS 139. No. 1-3 Butcher Hogs — 190-225 pounds 50.00-54.00; No. 1-3 Butcher Hogs — 225-250 pounds 53.50-54.00; No. 1-3 Butcher Hogs — 250-300 pounds 51.00-53.60; Good Butcher Sows — 400 pounds down 43.00-48.50; Good Butcher Sows — 400 pounds up 45.00-50.00; Heavy Boars — over 300 pounds 37.50; Pigs–all sizes (by head) 25.00-45.00.

Sale every Monday afternoon at 3:30 p.m.; 29 loads Hay & straw - sale every Monday at 1:00 p.m.

Alfalfa 125.00-148.00/ton.
Mixed 101.00-130.00/ton.
Straw 90.00/ton.

Carlisle Livestock

Carlisle, Pa.
Tuesday, Dec. 16, 1986
Report Supplied by Auction

CATTLE: Steers: Low Choice 59.00-60.25; Medium-Good 52.00-58.50; Good & Choice Holsteins 47.00-51.50; Medium Holsteins 43.75-46.50. Heifers: Good-Choice 53.75-56.00; Holsteins 43.00 & Down. Cows: Large Run - Steady Prices. High Yield None Offered; Good 36.00-38.00; Medium 33.50-35.85; Big Middle 31.00-37.00; Shelly 30.00 & Down. FAT Bulls: Medium-Good 41.50-47.00.

FEEDER CATTLE: Good Run of Heifers and Bull: Too few steers to establish a market. Feeder Heifers (all weights) 1.00 higher. Good 45.00-47.50; Medium 41.00-44.50. Feeder Bulls (all weights) 1.00 higher. Choice 53.00-55.00; Good 46.00-49.50; Medium 40.00-44.50.

VEAL CALVES: Demand Stronger! Choice 75.00-90.00; Good 63.00-74.00; Medium 45.00-62.00; Few Light/Weak 44.00 & Down; Farm Bulls 80.00-110.00.

HOGS: Barrows & Gilts Steady .50 lower. (US No. 1-3) 210-250 lbs. 53.60-54.60; Over 260 lb. 49.00-52.00.

SOWS: 1.00 to 2.00 lower than last week. Over 450 lbs. 40.75-45.00; under 450 43.00-46.50; 2 & 3's 33.50-39.00; Boars Heavy 35.75-36.50 (250-325 lbs. 44.50-48.00).

FEEDER PIGS: (by the hd.) Large Run. (15-22 lbs. 20.00-22.00); (25-35 lbs. 28.00-32.00); (35-50 lbs. 42.00-49.00) (55-65 lbs. 56.00).

SHEEP: Lambs Light 85.00-110.00; Choice 69.00-81.00; Good 52.00-64.00; Medium 51.00 & Down.

EWES: Mostly 24.00-35.00. Goats- (Lg) 44.00-47.50 (hd); Sm./Med. 17.00-31.00 (hd).

There will be a sale Dec. 23 and Dec. 30 — Regular Hours.

Farmers Livestock Auction

Duncansville, Pa.
Monday, Dec. 15, 1986

Report supplied by auction

CATTLE 214. STEERS: Good 52.50-55.00; Standard 49.50-52.75.

HEIFERS: Good 48.50-53.75.

COWS: Utility & Commercial 34.50-38.50; Cutters 32.00-36.00; Canner & Low Cutter 28.50-32.50.

BULLOCKS: Good & Choice 47.50-48.50.

BULLS: Yield Grade No. 1 43.00-45.00.

FEEDER CATTLE: Steers 48.00-55.00; Bulls 42.00-48.00; Heifers 40.00-45.00.

CALVES 385. Choice 65.00-78.00; Good 59.00-66.00; Standard & Good 52.00-59.00; 90-110 lbs. 48.00-54.00; 65-90 lbs. 48.00-52.00; Holstein Bulls 90-125 lbs. 100.00-128.00; Holstein Heifers 100-110 lbs. 56.00-62.00.

HOGS 122. US No. 1-2 54.50-55.50; US No. 1-3 53.50-54.00.

SOWS: US No. 1-3 43.50-45.00.

FEEDER PIGS 92. US No. 1-3 20-35 lbs. 30.00-35.00 per head; No. 1-3 35-50 lbs. 38.00-45.00.

SHEEP 40. Choice 60.00-62.00; Good 59.00-60.50. Sl. Ewes 18.00-22.00.

6 Loads Hay 88.00-118.00.

LIVESTOCK HAULING
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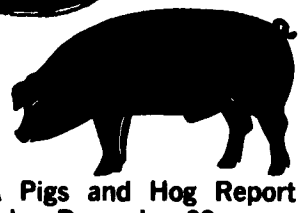

*USDA Pigs and Hog Report will be released on December 20.
*Now is a good time to set your target pricing for February and April marketings through one of our foward contracts.
*No commission on our contracts.
*Deliver the hogs to any one of our four buying stations between the 1st and the 20th of the contract month.
Call Ed Herrmann or Charlie Kauffman at any of the four buying stations.
Leola 717-656-9668
Marietta 717-426-3258
Stewartstown 717-993-2564
Thomasville 717-792-2248

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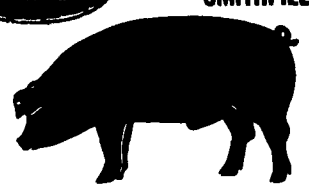
GWALTNEY of SMITHFIELD, LTD.



We Will Be Closed
Dec. 24, 25, Jan. 1.
Have a Merry Christmas & Happy New Year!

RECEIVING HOGS:
LANCASTER COUNTY FARMERS
MONDAYS: McCoy's Branch Office, Bareville
WEDNESDAYS: (Next to Bawells Butcher Shop)
& FRIDAYS: on Butler Rd. 717-656-9668
TUESDAYS: B & R Cattle
THURSDAYS: Marietta 717-426-3258
YORK COUNTY FARMERS
MONDAYS: Stewartstown 717-993-2564
TUESDAYS: Thomasville 717-792-2248 or 9836
Contact for information:
Ed Herrmann, 717-284-3203
or Charlie Kauffman, 215-593-5674
Future forward contracts available

HAY & STRAW SALE
12:00 Noon
Every Wednesday
Westend of Avondale at the intersection of Baltimore Pike and Route 41.
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(Office)
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RENT YOUR COWS
Established Pennsylvania Holstein herd needs to rent breeding age heifers or young cows, grade or registered, to carry embryo transplant calves. Eggs implanted on your farm without surgery or harm to your female. We cover all costs. $200 per live calf to you. Well managed herd a necessity. For more information write
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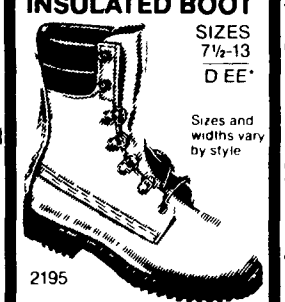
Lititz, PA 17543

WARMER UPPER
INSULATED BOOT
SIZES 7½-13
D EE*
Sizes and widths vary by style



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CHRISTMAS

At this glittering time of the year we send wishes for your happiness, glowing with bright hope for the future.

We look forward to serving you again

FROM THE STAFF AND MANAGEMENT OF NEW HOLLAND SALES STABLES, INC.

FRIDAY, JANUARY 16
ON THE FARM MONTHLY
BRED GILT SALE
1:00 P.M.
Sale To Start Promptly Every 4 Weeks
Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, right. 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road, left. Watch for sale arrows.
50 to 60 Head
WHITE DIAMOND GILTS
Here Now a new cross again.
Large White & Landrace, first generation true F-1 gilts.
Parent stock originated from Lieske Bros. Minnesota. Very productive in litter size and feed conversion.
Vaccinated for Lepto, Erysiplas, Rhinitis, E'Coli, Pasteuralla
Hand mated with Breeding Dates
Local Truck Available
No Hogs Sold On Commission
JOHN B. STOLTZFUS
R.D. 1, Kirkwood, Pa.
Abe Diffenbach, Auctioneer AU225L
NEXT SALE DATE FEBRUARY 13, 1:00 P.M.

VIRGINIA MARKETS

Livestock market and auction news

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, Dec. 13
Report supplied by auction

FEEDER CATTLE TREND: STEERS: Steady. M&L-1 300-500 lbs. 59.50-68.50; 500-700 lbs. 56.50-61.00; 700-1000 lbs. 47.00-58.00. S-L&M&L-2 300-500 lbs. 57.50-60.00; 500-700 lbs. 56.00-57.00.

FEEDER BULLS: Steady. M&L-1 300-500 lbs. 56.00-65.00; 500-700 lbs. 47.00-53.25; 700-1000 lbs. 40.00-45.00. S-L&M&L-2 300-500 lbs. 57.00-61.00; 500-700 lbs. 44.00-46.50.

HEIFERS: Steady. M&L-1 300-500 lbs. 50.00-53.50; 500-700 lbs. 46.00-54.50. S-L&M&L-2 300-500 lbs. 47.00-52.00; 500-700 lbs. 47.00-50.00.

STOCK COWS: Cows By Cwt. 30.50-32.75; Beef Cow w/c 280.00-362.50; Baby Calves Large 70.00-96.00; Small 15.00-65.00.

SLAUGHTER COWS TREND: 1.00 Lower. Utility & Commercial 2-4 29.00-35.75; Canner & Cutters 1-3 25.00-30.50.

SLAUGHTER BULLS: 1&2 39.25-43.25.

LAMBS: Trend 2.50 Higher. Blue 0 High Choice & Prime 65.00; Red O Choice 56.75; Feeder Lambs Choice 60.00; Slaughter Ewes 23.00-29.75.

HOGS: US 1-3 200-240 lbs. 51.75; Sows 1-3 39.00-43.00; Boars 30.00.

SLAUGHTER CALVES: Good & Choice 44.00-54.00.

Virginia Cattle

Richmond, Virginia
Northern, Va.
Thurs., Dec. 11 to
Wed., Dec. 17, 1986
Report Supplied by VDA
Head Count: 7,121
Trend: Steady to 2.00 higher.

STEERS: Medium 1 300-500 lbs. 55.50-68.50; 500-700 lbs. 54.00-66.00; 700-1000 lbs. 53.00-61.50. Large 1 300-500 lbs. 57.50-58.50; 500-700 lbs. 54.00-65.25; 700-1000 lbs. 52.50-57.50. Small 1 300-500 lbs. 52.00-63.00; 500-700 lbs. 45.00-57.00; 700-1000 lbs. 49.25-54.25.

HEIFERS: Medium 1 300-500 lbs. 48.00-57.00; 500-700 lbs. 45.00-55.25; 700-900 lbs. 44.00-51.50. Large 1 300-500 lbs. 49.00-58.00; 500-700 lbs. 48.00-54.75; 700-900 lbs. 44.50-46.50. Small 1 300-500 lbs. 42.50-52.00; 500-700 lbs. 42.50-48.50; 700-900 lbs. 42.50-44.50.

South & Southwest Va.

STEERS: Medium 1 300-500 lbs. 66.00-80.00; 500-700 lbs. 55.00-64.00; 700-900 lbs. 52.00-61.00. Large 1 300-500 lbs. 68.50-80.00; 500-700 lbs. 55.25-62.00; 700-900 lbs. 55.00-58.25. Small 1 300-500 lbs. 54.00-68.00; 500-700 lbs. 51.00-60.50.

HEIFERS: Medium 1 300-500 lbs. 49.50-61.00; 500-700 lbs. 45.00-55.00; 700-900 lbs. 46.00-53.75. Large 1 300-500 lbs. 53.50-59.00; 500-700 lbs. 49.50-55.00; 700-900 lbs. 51.50-54.00. Small 1 300-500 lbs. 44.00-59.00; 500-700 lbs. 43.00-51.50.

New Holland Sales Stables

New Holland Dairy
Wednesday, Dec. 17, 1986
Report supplied by auction

Reported receipts of 155 cows, 87 heifers and 11 bulls. Heifer market lower, cow market steady.

Load of PA fresh cows, 660.00-940.00.

Load of Canada fresh cows, 660.00-890.00, springers 710.00-850.00.

Load of Perry Co. fresh cows, 600.00-880.00.

2 Loads of PA fresh cows, 720.00-1275.00.

Load of PA fresh cows, 530.00-1300.00.

Load of Canada fresh cows, 610.00-1040.00, springers 780.00-920.00.

Load of PA fresh cows, 840.00-1000.00, springers 500.00-700.00.

Load of 48 hd. all stages cows, 370.00-1050.00.

Locally consigned cows 350.00-1070.00.

Springing heifers 600.00-810.00.

ATTENTION FARMERS

EVERY MONDAY
HATFIELD PACKING CO. and
MOYER PACKING CO.
Will Receive Your
Hogs and Cattle at the
DANVILLE LIVESTOCK MARKET
RD 4, Danville, PA

- We will receive your hogs from 8 AM to 12 Noon every Monday. Your hogs will be weighed and paid for immediately.
- We will also accept your sows & boars.
- Your cattle will be received from 12:30 to 5 P.M. We will either pay you for your cattle immediately or you may sell them dressed weight.
- There will not be a commission or yardage fee deducted from your check.
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day.

MELVIN M. LEHMAN - Owner
Danville Buying Station
Phone: 717-275-2880

ATTENTION FARMERS

The New Way To Market Your Livestock

HATFIELD PACKING CO. Will Receive Hogs
AND
MOYER PACKING CO. Will Receive Cattle
At The
BLAIR-BEDFORD BUYING STATION
RD 1 Martinsburg, Pa

MONDAYS - Hogs 8 AM to 11:30 AM
Cattle & Calves 8 AM to 3 PM
THURSDAYS - Cattle & Calves
8 AM to 3 PM

- No commission or yardage fees deducted from check
- Livestock weighed and paid for immediately
- You may call our office sale day for prices

DALE R. HOOVER - Owner
Business 814-793-3077
Residence 814-793-2657

Green Dragon Livestock Sales

Location: Ephrata RD 4. 1 mile N. on North State St., Ephrata.

COWS COWS COWS

SALE EVERY FRIDAY

Lots of good Northern Feeder & Stockers Slaughter Cows - Bull Steer, Veal-lamb

11:00 A.M.-Beef Sale 200-300 each week.
1:00 P.M.-Dairy Sale.
7:00 P.M.-Small Animal Sale.

For Special Sales and Herd Dispersals on farm or at our barn or other market information call: Office 717-733-2444, Home 717-838-4318.

WALTER H. RISSER, Proprietor

All out of state and new buyers must have cash or certified check or current letter of credit from bank.

PIGS
STATE GRADED SALE
FRI., DEC. 26
1:30 P.M.
AT
WESTMINSTER
LIVESTOCK AUCTION
Westminster, Md.
Phone (301)848-9820

D & H Cattle Transport

Local and Long Distance Hauling With A 24 Ft. Gooseneck Trailer

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A Merry Christmas and Prosperous New Year

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OPINION

The Christmas Story

And it came to pass in those days, that there went out a decree from Caesar Augustus, that all the world should be taxed. (And this taxing was first made when Cyree-ni-us was governor of Syria.) And all went to be taxed, every one into his own city. And Joseph also went up from Galilee, out of the city of Nazareth, into Judaea, unto the city of David, which is called Bethlehem; (because he was of the house and lineage of David:) To be taxed with Mary his espoused wife, being great with child. And so it was, that, while they were there, the days were accomplished that she should be delivered. And she brought forth her firstborn son, and wrapped him in swaddling clothes, and laid him in a manger; because there was no room for them in the inn.

And there were in the same country shepherds abiding in the field, keeping watch over their flock by night. And, lo, the angel of the Lord came upon them, and the glory of the Lord shone round about them: and they were sore afraid. And the angel said unto them, fear not: for, behold, I bring you good tidings of great joy, which shall be to all people. For unto you is born this day in the city of David a Saviour, which is Christ the Lord. And this shall be a sign unto you; Ye shall find the babe wrapped in swaddling clothes, lying in a manger. And suddenly there was with the angel a multitude of the heavenly host praising God, and saying, Glory to God in the highest, and on earth peace, good will toward men.

And it came to pass, as the angels were gone away from them into heaven, the shepherds said one to another, Let us now go even unto Bethlehem, and see this think which is come to pass, which the Lord hath made known unto us. And they came with haste, and found Mary, and Joseph, and the babe lying in a manger. And when they had seen it, they made known abroad the saying which was told them concerning this child. All all they that heard it wondered at those things which were told them by the shepherds.

The people that walked in darkness have seen a great light: they that dwell in the land of the shadow of death, upon them hath the light shined.

For unto us a child is born, unto us a son is given: and the government shall be upon his shoulder: and his name shall be called Wonderful, Counsellor, The mighty God, The everlasting Father, The Prince of Peace.

Farm Calendar

Monday, December 22
RCMA meeting, 1 p.m., Room B, Farm Show Building, Harrisburg.

Thursday, January 1
Annual Family Style Pork and Sauerkraut Dinner, Leola War Memorial Building, noon to 6 p.m.

Friday, January 2
Lebanon County Livestock Roundup, Lebanon Fairgrounds; show, 10 a.m., sale, 6 p.m.

FARM FORUM
OUR READERS WRITE

Dear Editor:

How can I obtain more information about the committee that is forming in Pennsylvania– The Dairy of Distinction Program that is going into effect?

We are told over and over again we have the most beautiful farm around. And we are proud to ship milk from here. Something like this means much more to me than to have 15 cents taken off for advertising milk after the dairy has it all torn apart.

I read your "Opinion" article so I thought maybe you could give some information.

Hilda M. Blatt
Jonestown

Editor's Note:

The requested information is being forwarded. Anyone else who has an interest in helping with their district program or who would like to apply for the award, may write to this editor until the program is more fully organized.

NOW IS THE TIME

By Jay Irwin
Lancaster County Agriculture Agent

To Protect Evergreen Trees

Many property owners become concerned at this time of the year about the possible loss of valuable evergreens to Christmas tree "thieves." To protect trees the following "ugly mix" recipe has been developed and recommended by Cornell Plantations Gardener, Gerado Sciarra.

This easy-to-make concoction is designed to temporarily render treated trees unsightly. Here is the recipe: Pour 2 gallons of warm water into a large bowl. Mix separately 20 ounces of hydrated lime with 4 ounces of an antidessicant, until a uniform paste is produced. Fold the paste slowly into the water. When the mixture is an even, light milky color, add 2 bottles of pink or other brightly colored food coloring. Blend until the mixture is a uniform color. Then spray or splatter the material on the trees you wish to protect. The weather should be mild and dry at the time. Rains will gradually wash the "ugly mix" off.

To Consider Manure Nutrients

Did you know that on the average, more nutrients are brought onto the farm in feed for the animals than fertilizer purchases? Well, that may be a surprising fact but research has shown this to be true in southeast Pennsylvania. This serves to make a point for considering the importance of manure management. In the past, management of manure nutrients has "taken the back seat" to other management problems. The research done in this area in the past several years has had the same conclusion: taking a closer look at the benefits you are receiving from manure applications is a profitable idea! It is time to turn the manure problem into an opportunity.

To Prepare For Slippery Conditions

Slippery roads, walks and steps will be a common hazard in the next few months. Many people use salt too freely in cutting the ice; it may get the job done but also may injure nearby turf or shrubbery. I'd suggest the use of sand or sawdust. These materials will make the surface safe without possible injury to vegetation. In areas without any vegetation, salt will give good results. Along our main highways there is some evidence that the constant use of salt is inflicting injury to nearby trees and shrubs. Don't let this happen to your favorite tree, shrub or the turf lining your walk.

To Take Inventory

An area of our operation that is very important at this time of year is inventory. With the close of the year most of our farmers close-out their records for the year. This means that if you are going to have a Farm Analysis made, you should take inventory of all your supplies. You'll need this to do any kind of farm analysis, because the amount of grain, hay and other supplies that are in storage will vary from year to year, and unless this is taken into consideration, you cannot have an accurate analysis of your year's operation. So, as accurately as possible, record the amount of hay, grain, feed, seeds and fertilizer that are on hand. This is the first step in an accurate farm analysis.

Income Tax Meeting Set For January

DOYLESTOWN – Tax preparers, farmers, homemakers, and other interested individuals can secure information about federal income tax at the 1987 income tax area meeting to be conducted in Quakertown on Wednesday, Jan. 7. According to Richard A. Bailey, county extension director, discussion of recent changes in tax law should make this year's meeting very informative.

The topics covered at the meetings will range from a look at new developments to a review of important tax principles. The program will include a discussion of recent changes in tax law, deducting expenses for business use of autos and pickups, taxes and financial distress, a review of several practical tax filing exercises, and more. Handout materials will be provided to support discussion by the instructors. Jesse Cooper and Larry Jenkins, Extension economists with Penn State University, will serve as instructors for each of the sessions.

Starting time for the income tax meeting is 9 a.m. The session will end at about 4 p.m. The meeting will be held at Meyers Restaurant, Route 309, Quakertown. The registration fee is $25 per person including lunch and reference materials to be used during the day. Additional reference materials, including a Master Tax Guide, may be purchased for a small extra fee. The registration deadline is January 1, 1987 and persons registering after that date will be charged a late registration fee of $5.

A brochure/registration form and more information about the one-day income tax meeting is available at the Bucks County Penn State Cooperative Extension Office. Questions about the meetings may be directed to Richard A. Bailey, County Extension Director, who can be reached by telephone at 345-3283.

THE BIBLE SPEAKS
BY LAWRENCE W. ALTHOUSE

MADE LIKE US
December 21, 1986

Background Scripture: Luke 2:1-20; John 1:14-18; Galatians 4:4-7; Hebrews 2:14-18.

Devotional Reading: Hebrews 4:14-16.

There are two births we celebrate at Christmastime. And one is incomplete without the other.

The first of these is the obvious one:

Veiled in flesh the Godhead see;
Hail the incarnate Deity.

Christmas is a celebration, now that Jesus was born in Bethlehem, but that in the birth of Jesus God became incarnate – the "Wholly Other" became enfleshed in human form. So Christmas tells us who God is, that is, of course, so far as it is possible for human beings to understand who and what He is. The writer of John's Gospel says, "No one has ever seen God; the only Son ...has made him known" (John 1:18).

The Incarnation was not just a spectacular divine demonstration to amaze and amuse his children, but the supreme act by which God reveals himself to us. The writer of the Letter to the Hebrews says, "In many and various ways God spoke of old to our fathers by the prophets; but in these last days he has spoken to us by a Son ...He reflects the glory of God and bears the very stamp of his nature..." (Hebrews 1:1-3).

AS MAN

Pleased as man with men to dwell,
Jesus, our Emmanuel.

Not only did God fully express himself, but he did so in the form of a human being, a child who would become known as Jesus. God revealed himself as "a man with men." How often we think the speak of human nature in negative terms, but, as Hebrews tells us, "Since therefore the children share in the flesh and blood, he himself likewise partook of the same nature... he had to be made like his brethren in every respect..." (Hebrews 2:14,17). Jesus didn't just look like us, or seem to be like us, he was made "like us in every respect." We can identify with him because we are assured that, as a human being, he knows all of our human frailties, temptations and concerns.

In the early centuries of the Christian Church, the hearsay of docetism became a threat to the Gospel. Docetists believed that, although Jesus appeared to be in human form, he wasn't really a human. They said, in effect, that he was really God in the disguise of a human being. Even though the docetist threat was officially condemned by the Church and the group eventually disappeared, Docetism has often survived in the minds of Christians who do not take seriously the full humanity of Jesus. They continue to think of him as God in disguise. But that isn't what the Bible says and Hebrews doesn't say that he was like us in some respects, but "in all respects..."

SECOND BIRTH

Born to raise the sons of earth,
Born to give them second birth.

It is the "second birth" that many people miss at Christmas, the "birth" of God's other "sons." Jesus was born as God's Son so that we might realize our own "second birth" as sons of God. "But when the time had fully come, God sent forth his Son... so that we might receive adoption as sons" (Hebrews 4:4,5). He became "like us in every respect" so that we might become like him.

(Based on copyrighted Outlines produced by the Committee on the Uniform Series and used by permission. Released by Community & Suburban Press.)

GEE! UNCLE OTIS, I DON'T KNOW WHY PEOPLE SAY THAT CHRISTMAS COSTS SO MUCH...
ALL YA DO IS BUY A FEW SMALL GIFTS FOR YOUR FAMILY AND FRIENDS...
MERR CHRIST
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MERRY CHRISTMAS EVERYONE! —DAVE CARPENTER—

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Dear Friends,

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During the year, in the rush of events, we tend to overlook the important friendships that are the true basis of business relationships. One of the great pleasures of the Holiday Season is the opportunity to exchange cordial greetings with those whose friendship and goodwill we value so highly.

In this spirit, our management and staff want to say "Thank You" and extend our sincere appreciation for the very pleasant association we enjoy with you.

Merry Christmas and may a bright New Year bring you Health, Happiness and Prosperity

Sincerely,
Donald C. Hershey
Joyce A. Hershey

Livestock market and auction news

Grantsville Livestock

Grantsville, Maryland
Saturday, Dec. 13, 1986

Large: 60-85; Medium: 50-70.

HOGS: Top Barrows & Gilts 53.00-56.00; Heavy Butcher 49.00-54.50; Light Butcher 42.00-52.00; Butcher Sows 40.00-49.50; Feeder Shoats 25.00-62.50.

VEAL: Good 60.00-78.00; Standard 50.00-60.00; Utility 42.00-49.00; Bull 60.00-87.00.

SHEEP & LAMBS: Good 60.00-71.00; Utility 54.00-58.00; Slaughter Ewes 20.00-25.00.

SLAUGHTER CATTLE: Steers: Good 55.00-58.50; Standard 51.00-52.50; Utility 40.50-45.00.

HEIFERS: Good 53.00-57.50; Standard 50.00-52.00; Utility 32.00-45.00.

COWS: Commercial 33.00-38.00; Utility 31.00-32.00; Canner & Cutter 30.00-down.

BULLS: Commercial & Good 42.00-45.75; Cutter & Utility 33.00-40.00.

STOCK-FEEDER CATTLE: (Yearling Steers) Good 52.00-56.50; Medium 48.00-50.00, 40.00-42.00.

STEER CALVES: Good 55.00-61.00; Medium 50.00-52.00, 42.00-45.00.

HEIFER CALVES: Good 45.00-56.50; Medium 30.00-40.00.

Valley Livestock

Athens, Pa.
Monday, Dec. 15
Report supplied by auction

Holstein Hfr. Calves to 55.00.
Veal Calves 50.00-75.00.
Vealer Bull Calves 89.00-104.00.
Slaughter Calves 43.00-53.00.
Grassers & Feeders 30.00-50.00.
Lambs 52.00-67.00; small 130.00-160.00.
Sheep 10.00-22.00.
Hogs, 200 to 250 45.00-52.50.
Sows 30.00-39.50.
Boars 35.00-43.00.
Pigs 30.00-45.00.
Heifers 36.00-41.50.
Steers, feeder 40.50-50.00.
Bulls 39.00-43.00.
Cows, utility 35.00-40.50.
Cows, fat 34.00-37.00.
Cows, medium 26.75-32.75.
Cows, poor or small 20.00-27.00.
Cattle Market strong.
Calf Market strong.
Horses to 195.00.
Ponies to 45.00.
Goats each 32.00-48.00.

Feeder Sale 1st Monday of Each Month.

Dairy Sale 3rd Thursday of Each Month.

Chambersburg Livestock

Chambersburg, Pa.
Thursday, December 18
Report supplied by PDA

CATTLE: 425. Cows steady to 1.00 lower; couple Choice steers 57.75-60.75; few Good 51.00-52.85; few Good & Choice holsteins 1100-1400 lb. 47.50-51.75; 1 Choice heifer 59.00; one Standard 44.00; Breaking Utility & Commercial cows 35.35-39.00; Cutter & Boning 33.85-37.00; Canner & Cutter 32.35-34.00; shells 25.25; few YG No. 1, 1200-1600 lb. 42.85-49.00; 1 No. 2, 1100 lb. 41.00.

FEEDER CATTLE: Few Med. 335-370 lb. steers 48.00-55.00; few Large No. 2 steers 550-900 lb. 39.00-44.00; bulls Med. No. 1-2, 300-700 lb. 44.00-49.00.

CALVES: 376. 5.00-7.00 higher; few Good & Choice 74.00-78.00; Standard & Good 85-110 lb. 53.00-56.00; 70-85 lb. 50.00-54.00; Utility few 90-100 lb. 44.00-51.00; 50-85 lb. 38.00-48.00.

FARM CALVES: Hol. bulls 90-130 lb. 94.00-115.00; 80-90 lb. 53.50-72.50; heifers 85-130 lb. 55.00-67.00.

HOGS: 52. No. 1-3, 230-260 lb. 51.75-52.00; Lot No. 1-3, 185 lb. 49.50; few US No. 1-3 sows 325-600 lb. 42.25-43.25; 1 boar 33.75; few lightweights 40.00-45.00.

FEEDER PIGS: 18. Few 60-75 lb. 57.00-64.00.

SHEEP: 3. 1 lot 75 lb. Choice 57.00.

GOATS: 1.

Joliet Weekly

Wednesday, Dec. 18
Report supplied by USDA

Sales this week 900; last week 822; a year ago 1687. Slaughter steers and heifers ended the week .50; instances 1.00 lower.

SLAUGHTER STEERS: Choice 2-4 1100-1350# 59.50-62.00; one load 62.75, mixed good and choice 2-3 1000-1250# 58.00-60.00.

SLAUGHTER HEIFERS: Choice 2-4 900-1100# 58.50-60.25, mixed good and choice 2-3 900-1050# 56.50-58.00.

Belleville Livestock Auction

Belleville, Pa.
Wednesday, December 17, 1986
Report Supplied by PDA

CATTLE 125...PDA...Couple Good slaughter steers 52.00 and 53.00. Few Utility slaughter heifers 35.00-39.00. Breaking Utility and Commercial slaughter cows 36.00-38.85, couple 40.25, Cutter and Boning Utility 33.50-36.75, Canner and Low Cutters 30.00-33.50, Shells down to 25.75. Good slaughter bullock, individual 49.00. Few Yield Grade No. 1, 1130-1920 lbs. slaughter bulls 41.00-44.75, one No. 2, 1050 lbs. 38.60.

CALVES 122...Few Standard and Good vealers 115-125 lbs. 50.00-53.00, 70-105 lbs. 42.00-48.00, few Utility 60-80 lbs. 40.00. Farm Calves: Holstein Bulls 90-125 lbs. 75.00-114.00, few down 52.00.

HOGS 142...US No. 1-2 225-240 lbs. barrows and gilts 53.00-55.50, 2-3 205-240 lbs. 52.25-54.75, few lots 3-4 270-300 ls. 45.25-51.50. Few US No. 1-3 310-515 lbs. sows 38.00-46.00. Few Boars 30.00-35.50.

FEEDER PIGS 246...US No. 1-3 20-35 lbs. feeder pigs 28.00-39, 35-50 lbs. 38.00-42, 60-75 lbs. 45.00-54.00 — all per head.

SHEEP 3...Few slaughter ewes 19.00-31.00.

GOATS 4...Few 39.00-42.00.

HOLSTEIN DAIRY COWS $550.00-$1030.00, one $1275.00 — ALL PER HEAD.

NOTICE

Greencastle Livestock Market, Inc.

SPECIAL HOLIDAY SALE!

Saturday, December 27, 1986
Starting at 2:00 p.m.

Due to Christmas being on Thursday and Livestock Markets being closed — there will be a good demand for ALL livestock.

Our regular sale will be on Monday as usual.

- Thank you for your support -

MERRY CHRISTMAS AND HAPPY NEW YEAR!

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Livestock market and auction news

Leesport Livestock Auction

Leesport, Pa.
Wednesday, December 17, 1986
Report Supplied by PDA

CATTLE 305...PDA... SUPPLY INCLUDED 45 FEEDER CATTLE . Compared with last Wednesday's market: Slaughter steers weak to $2 lower; Cows steady to .50 lower. Few Choice 1000-1400 lbs. steers 57.00-61.25, one Prime 1400 lbs. 63.85, Good 51.25-56.50, Good & Choice holsteins 1250-1400 lbs. 47.50-50.75, few 52.85, Standard 42.00-46.50. Choice 900-1100 lbs. slaughter heifers 51.35-57.50, one 61.25, few Good 50.00-53.00, few Choice holsteins 1250-1550 lbs. 50-53.85, few Standard 38.50-41.00. Breaking Utility and Commercial slaughter cows 35.75-38.50, few 40.25, Cutter and Boning Utility 33.85-36.85, Canner and Low Cutter 30.60-34.00, Shells down to 27.10. Few Choice slaughter bullocks 50.75-52.85, few Good 45.00-49.25, few Standard 44.00-47.00. Yield Grade No. 1, 1200-2000 ls. slaughter bulls 44.50-47.75, few 50.00, few No. 2, 1100-1200 lbs. 40.50-44.00. Feeder Cattle: Medium Frame No. 1, 375-600 lbs. steers 56.50-64, few Large No. 1, 1100-1150 lbs. 44.00-45. Few Medium Frame No. 1, 500-600 lbs. heifers 43.00-45. Few Large & Medium Frame No. 1, 400-850 lbs. bulls 43.75-50.50.

CALVES 189...Vealers unevenly steady. Few Good vealers 67.00-90.00, Standard and Good 70-110 lbs. 47.00-50, 70-85 lbs. 40.00-47, few Utility 90-110 lbs. 40.00-47, few 55-70 lbs. 30.00-40.00. Farm Calves: Holstein Bulls 90-130 lbs. 50.00-99.50, mostly 85.00-98.00. Few Beef cross bulls & heifers 85-95 lbs.75.00-95.00. Few Good & Choice 250-270 lbs. slaughter calves 55.00-64.00.

HOGS 599...Barrows and gilts $1.25 to $2.25 lower. US No. 1-2 200-255 lbs. 52.10-53.00, few lots 54.50, one lot 56.50, 1-3 200-255 lbs. 50.50-52.10, 2-3 210-260 lbs. 50.00-50.60, 2-4 225-295 lbs. 45.00-49.75. Sows $3-$3.50 lower. US No. 1-3 325-725 lbs. sows 38.75-42.50, few Medium 275-450 lbs. 35.00-38.00. Boars 34.50-35.50, light weights 38.00-40.00.

FEEDER PIGS 122...Lot US No.1-3 20 lbs. feeder pigs 32.00 per head; 25-35 lbs. 113.00-134, 50-65 lbs. 89.00-95.00 ---- all per hundredweight.

SHEEP 112...Choice 90-110 lbs. wool slaughter lambs 57.00-61, 55-85 lbs. 62.00-75, few 140 lbs. 50.00-51; Good & Choice 25-45 lbs. new crop lambs 112.50-140, 50-60 lbs. 80.00-107.50. Slaughter sheep 12.00-18.00.

GOATS 23...Medium 27.00-48.00 -- all per head.

Keister's Middleburg Livestock Auction

Middleburg, Pa.
Tuesday, December 16, 1986
Report Supplied by PDA

CATTLE 302... REPORT IS SUPPLIED BY AUCTION . High Choice & Prime slaughter steers 61.00-62.85, Choice 59.00-60.75, Good 54.00-58.85, Standard 50.00-54.00, Utility 45.00-50.00. Choice slaughter heifers 56.00-57.75, Good 52.00-56.00, Standard 45.00-52, Utility 38.00-45.00. Breaking Utility and Commercial slaughter cows 36-40.85, few 41.60, Cutter and Boning Utility 35.00-39.75, Canner and Low Cutter 30.00-35, Shells down to 28.00. Choice slaughter bullocks 51.75-54.25, Good 48.00-51.75. Yield Grade No. 1, 1200-1885 lbs. slaughter bulls 43-48.75, No. 2, 800-1200 lbs. 36.00-43.00. Feeder Cattle: No Weights Few Steers 42.00-55.00. Few Heifers 38.00-49.00.

CALVES 138...Choice vealers 76.00-97.00, Good 60.00-76.00, Standard and Good 90-110 lbs. 45.00-55.00, 60-90 lbs. 35.00-45.00. Farm Calves: Holstein Bulls 90-125 lbs. 60.00-101.00.

HOGS 342...US No. 1, 215-255 lbs. barrows and gilts 57.00-58.25, 1-2 210-245 lbs. 56.00-57.00, 2-3 200-250 lbs. 55.00-56.00, 2-4 190-270 lbs. 49.25-55.00. US No. 1-3 280-650 lbs. sows 43.00-46.00, few 50.00, 2-3 270-550 lbs. 32.00-42.00. Boars 32.00-37.00.

FEEDER PIGS 355...US No. 1-3 20-35 lbs. feeder pigs 32.00-40.00, 35-50 lbs. 40.00-57.00 — all per head.

SHEEP 66...High Choice & Prime 30-60 lbs. wool slaughter lambs 100.00-155, Choice 90-110 lbs. 60.00-75.00, Good 60-90 lbs. 50.00-60.00. Slaughter ewes 26.00-28.00.

GOATS 0...No market test.

Lebanon Valley Livestock Auction

Fredericksburg, Pa.
Tuesday, December 16, 1986
Report Supplied by PDA

CATTLE 242...PDA. Supply includes 66% slaughter cows . Compared with last Tuesday's market: Slaughter cows mostly steady to .50 lower. Choice slaughter steers 2-4, 960-1255 lbs. 57.25-60.00, few Good 53.50-58.75, few Good and Choice holsteins 49.75-53.00, two Standard 50.75, few Utility & Standard 40.85-44.25. Choice 3-4 slaughter heifers 53.25-56.25, Good 45.50-53.00, few Standard 40.75-44, Utility & Low Standard 33.00-38.75. Few Breaking Utility and Commercial slaughter cows 36.60-39.25, Cutter & Boning Utility 33.75-37.35, Canner and Low Cutter 30.75-33.75, Shells down to 22.50. Two Good slaughter bullocks 44.50 & 47.85, two Standard 41.50&43.50. Few Yield Grade No. 1, 1210-2160 lbs. slaughter bulls 45.00-45.75.

CALVES 209...Vealers grading Standard and Good mostly steady to $1 lower. High Choice, individual 87.00, one Choice 78.00, one Good 70.00, Standard and Good 90-110 lbs. 46.00-49,one 130 lbs. 55.00, 70-85 lbs. 42.00-46.00, Utility 50-85 lbs. 30.00-40.00. Farm Calves: Holstein Bulls 90-125 lbs. 62.00-100.00, few down 47.00; few Holstein Heifers 85-115 lbs. 50.00-54.00.

HOGS 199...Barrows and gilts weak to $2 lower. US No. 1-2 210-240 lbs. 52.00-52.60, lot 53.25, 1-3 220-275 lbs. 51.60-52.25, lot 52.60, 2-3 200-250 lbs. 51.10-51.75, 1-3 190-200 lbs. 50.35-51.75. US No. 1-3 285-680 lbs. sows 40.50-45.00, fe Medium 215-465 lbs. 33.00-38.00. Boars 38.00-41, few light weights 41.50-42.50.

FEEDER PIGS 27...US No. 1-3 27 lbs. feeder pigs 85.00 — all per hundredweight.

SHEEP 8...Few Choice 70-135 lbs. wool slaughter lambs 51.00-60.00, few Utility and Good 45-90 lbs. 52.00-59.00.

GOATS 0...No market test.

Mercer Livestock Auction

Mercer, Pa.
Tuesday, December 16, 1986
Report Supplied by PDA

CATTLE 290...PDA. Compared with last Tuesday's market: Choice slaughter steers 58.00-62.00, Good 53.00-57.00, Standard 47.00-52.00. Choice slaughter heifers 55.00-58.00, Good 50.00-54.00, Standard 42.00-47.00, Utility 38.00-41.00. Breaking Utility and Commercial slaughter cows 36.25-39.85, couple 41.85, Cutter and Boning Utility 32.50-37.00, Canner and Low Cutter 27.50-33.00, Shells down to 22.00. Yield Grade No. 1, 1200-1900 lbs. slaughter bulls 40.85-48.60, No. 2, 900-1500 lbs. 37.00-41.00. Feeder Cattle: Few Medium No. 1, 400-600 lbs. steers 50.00-57.00, lot 780 lbs. 49.00. Medium Frame No. 1, 400-600 lbs. heifers 44.00-50.00.

CALVES 138...One Choice vealer 80.00, few Good 65.00-75.00, Standard and Good 90-120 lbs. 46.00-54.00, 60-85 lbs. 36.00-46.00, few Utility 50-80 lbs. 20.00-31.00. Farm Calves: Holstein Bulls 90-125 lbs. 80.00-129.00.

HOGS 351...Barrows and gilts $1.50 to mostly $2 lower. US No. 1-2 230-250 lbs. 51.00-52.00, two lots 52.35&52.85, 1-3 215-255 lbs. 50.00-51.10, 2-3 230-255 lbs. 48.00-49.50, 1-3 155-185 lbs. 40.00-44, 2-4 210-250 lbs. 45.00-47.00. Few US No. 1-3 400-550 lbs. sows 45.00-46.50, one 2-3 280 lbs. 43.00. Few Boars 34.50-38.00.

FEEDER PIGS 0...No market test.

SHEEP 6...One Choice 80 lbs. wool slaughter lamb 75.00, few Good 55 lbs. feeder lambs at 50.00.

GOATS 0...No market test.

Belknap Livestock Auction

Dayton, Pa.
Wednesday, December 17, 1986
Report Supplied by PDA

CATTLE 140...PDA...Compared with last Wednesday's market: Slaughter cows steady. Fe Standard slaughter steers 44.50-49.00. Standard slaughter heifer, individual 43.75, few Utility 37.00-38.25. Breaking Utility and Commercial slaugher cows 36.00-39, Cutter and Boning Utility 32.50-37, Canner and Low Cutter 28-32.50, Shells down to 26.00. Few Utility slaughter bullocks 36-38.75. Individual Yield Grade No. 1, 1650 lbs. slaughter bull 46.00, few No. 2, 1100-1725 lbs. 38.50-42.00. Feeder Cattle: Medium & Large Frame No. 1, 330-420 lbs. steers 49.00-59.00. Medium &Large Frame No. 1, 310-520 lbs. heifers 39.50-49.50, 525-710 lbs. 37.50-43.25, No. 2, 450-810 lbs. 30-38.50. Few Medium Frame No. 1-2, 490-825 lbs. bulls 37-47.50.

CALVES 76...Few Good vealers 55.00-65.00, Standard and Good 90-120 lbs. 45.00-54.00, 60-85 lbs. 30.00-47.50, few Utility 12.00-30.00. Farm Calves: Holstein Bulls 95-125 lbs. 60.00-100.00.

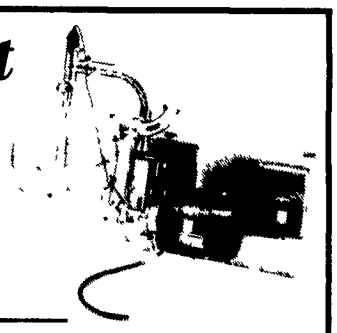
HOGS 203...Barrows and gilts $2.50 to $3 lower. US No. 1-2 225-245 lbs. 50.00-50.50, one small lot 51.25, 1-3 215-245 lbs. 49.40-50.30, 2-3 210-265 lbs. 48.50-49.35. US No. 1-3 360-675 lbs. sows 39.50-46.50. Few Boars 30.00-32.50.

FEEDER PIGS 63... US No. 1-3 20-35 lbs. feeder pigs 11.50-23.00, 35-50 lbs. 23.00-39.00 — per head.

SHEEP 3...No market test.

GOATS 11...11.00-28.00 — all per head.

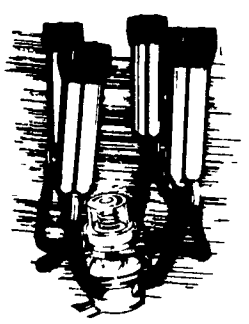
NuPulse is more than just a Milking Machine



Watch our January Ad
for our first special in 1987

We thank you for your business throughout 1986
and wish all of you a Happy Holiday Season
and a prosperous 1987

We are looking forward to seeing you
at our Farm Show Booth (N28 & N29)



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908 Stewart Street
Madison, WI 53713 USA
608/274-2722

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519 Golden Street
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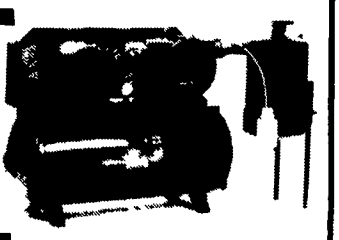


NuPulse® , Inc. Welcomes Two New Dealers

Dairyland Sales & Service
RD 3, Box 43
Troy, PA 16947
(3 miles West of Troy on Rt. 6)
717/297-4128

Fancy Furrow Farms Ag Equip. Inc.
RD 1, Uhler Rd.
Easton, PA 18042
For 24 Hour Service Call
215/252-8828
Effective 1/1/87

PENN YORK REFRIGERATION
RD 1, Box 390
Knoxville, PA 16928
814/326-4496

SCHMIDT'S EQUIPMENT
RD 2, Box 122
Hawley, PA 18428
717/253-3048

FISHER & THOMPSON
127 Newport Road
Leola, PA 17540
717/656-3307

ZIMMERMAN'S SALES & SERVICE
2440 St. - Rt. 7
Columbiana, OH 44408
216/482-5190

ASHBY FARM SERVICE
RD 8 Box 1A
Harrisburg, VA 22801
703/434-9943

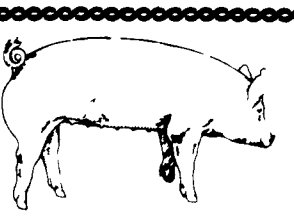
AQUILLA YODER
Box 83
Belleville, PA 17004
717/935-2481

STINER'S REFRIGERATION
25 Crooks Terrace
Canton, PA 17724
717/673-8351

LUCAS BARN EQUIPMENT
RD 2, Box 339D
Bellefonte, PA 16823
814/383-2806

CRIDER DAIRY EQUIPMENT
8933 Rowe Run Road
Shippensburg, PA 17257
717/532-2196

HENRY JAQUITH
RD 1, Box 325
Sprng Creek, PA 16436
814/664-2397



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AT THE GREEN DRAGON MARKET
RD 4, EPHRATA, PA 17522
1 MILE NORTH OF EPHRATA
ON NORTH STATE STREET.

HOLIDAY HOURS
Dec. 22, 23, 29 & 30
7 a.m. to 11:30 a.m.

215-458-5677 Residence
717-733-9648 Office

YOU ARE PAID FOR YOUR HOGS IMMEDIATELY

Ken & Lois Emery, Proprietors

Livestock market and auction news

Dewart Livestock Auction

Dewart, Pa.
Monday, Dec. 8, 1986
Report Supplied by PDA

AUCTION NOT REPORTED ON DECEMBER 15,1986.

CATTLE 211..PDA...Choice slaughter steer, indivdiual 1135 lbs. 61.25, Good 50.00-56.75, few Standard and Low Good 45.00-48.00. Few Choice slaughter heifers 55.10-56.35. Breaking Utility and Commercial slaughter cows 36.25-39.25, Cutter and Boning Utility 34.25-37.25, Canner and Low Cutter 31.00-34.25, Shells down to 28.00. Few Yield Grade No. 1, 885-2040 lbs. slaughter bulls 42.00-48.25. Feeder Cattle: Few Medium Frame No. 1, 400-725 lbs. steers 50.00-58.00. Few Medium Frame No. 1, 350-550 lbs. heifers 45.00-47.00.

CALVES 242...Few Good & Choice vealers 75.00-95.00, few Standard and Good 110-125 lbs. 60.00-65.00, 75-105 lbs. 46.00-52.00, few Utility 60-80 lbs. 35.00-45.00. Farm Calves: Holstein Bulls 90-125 lbs. 55.00-95, mostly 75.00-90.00.

HOGS 131...Couple Lots US No. 1-2 220-235 lbs. barrows and gilts 55.00, 1-3 215-245 lbs. 53.20-54.80. US No. 1-3 300-620 lbs. sows 41.00-45.25. Few Boars 40.50-46.00.

St. Louis Cattle

Wednesday, Dec. 18
Report supplied by USDA

Receipts This Week	3,500
Week Ago	3,700
Year Ago	3,900

Compared to last week's close, slaughter steers and heifers 1.00-1.50 lower. Cows 1.00 higher. Few bulls steady. Slaughter supply mainly choice steers and heifers, around 15% cows.

*Note: The percentage of cows marketed this week showed an apparent increase.

SLAUGHTER STEERS: Mixed choice and prime 2-4, mostly 2-3, 1100-1325 lbs. 59.50-60.00, several 60.00 early, most tested late. Choice 2-4 975-1300 lbs. 58.00-60.00, closing 58.00-59.00, part load 59.50; 3-4 975-1100 lbs. 56.00-57.00. Mixed good and choice 2-3 900-1025 lbs. 56.50-59.00. Good 2-3 900-1200 lbs. 54.50-57.00. Standard to good 2-3 1100-1700 lb. holsteins 47.00-51.00.

SLAUGHTER HEIFERS: Mixed choice and prime 2-4, mostly 2-3, 900-1125 lbs. 57.50-58.50, several 57.50-58.00 early, not tested late. Choice 2-4 900-1150 lbs. 56.00-58.00, closing 56.00-57.00; few lots 3-4 875-1100 lbs. 54.00-55.00. Mixed good and choice 2-3 900-1050 lbs. 54.00-56.50. Good 2-3 900-1050 lbs. 52.50-54.50; 750-900 lbs. 50.00-53.00.

COWS: (Closing Week Sales) Breaking utility and commercial 2-4 32.00-34.00. Cutter and boning utility 1-2 34.00-35.00. High-yielding cutter and boning utility 1-2 35.00-36.00. Cutter 1-2 31.00-33.00. Shelly canner 1-2 28.00-31.00.

BULLS: YG 1-2 1150-1900 lbs. 40.00-44.00.

Wednesday's Weekly Sheep Auction. Receipts around 350 head. Slaughter lambs 2.00-3.00 higher. Slaughter ewes scarce. Feeder lambs 1.00 higher. Quality improved compared to last week.

SLAUGHTER LAMBS: Choice and prime wooled 95-115 lbs. 71.00-74.50; 120-130 lbs. 65.00-68.50. Few shorn with No. 1-2 pelts 73.50-74.50.

SLAUGHTER EWES: Few lot utility 22.00-25.00.

FEEDER LAMBS: Choice and fancy 60-90 lbs. 70.00-75.00; 40-60 lbs. 65.00-71.00.

Omaha Weekly

Thursday, Dec. 18
Report Supplied by USDA

Weekly 51– Cattle– Slaughter steers and heifers ended this week's trading session mostly 1.00 lower, recovering some of Monday's downturn at midweek. A lower trending and slow moving dressed beef, in both carcass and boxed beef channels dominant factors in the downturn. Slaughter cows 1.00-2.00 lower. Slaughter bulls steady.

Estimated 5 day receipts this week 7400 compared to actuals last week of 6187 and 8144 last year. Slaughter steers accounted for 38 pct of receipts this week, heifers 36 pct., cows 20 pct and bulls 4 percent.

SLAUGHTER STEERS: Closing sales choice 2-4 1050-1300 lbs. 59.50-60.50. Mixed good and choice 2-3 1050-1200 lbs. 58.00-59.50. Good 56.00-58.00 Package mostly good holsteins near 1450 lbs. 48.00.

SLAUGHTER HEIFERS: Closing sales choice 2-4 950-1100 lbs. 58.50-59.50. Mixed good and choice 2-3 925-1050 lbs. 57.00-58.50. Good 55.50-57.00.

Average of LS 214 detailed price quotations for choice 900-1100 lb. steers 59.03, 1100-1300 lbs. 60.25. Average cost of all slaughter steers this week 58.80, average weight 1168 lbs. compared to 60.72 and 1173 lbs. last week. Average cost of all slaughter heifers this week 57.99, average weight 1053 lbs. compared to 60.47 and 1059 lbs. last week.

SLAUGHTER COWS: Breaking utility and commercial 2-3 34.00-38.00, few high dressing to 39.00. Cutter and boning utility 1-3 33.00-36.50, few high dressing to 37.50. Low to average cutter, few canner 30.00-34.00, thin low dressing 26.50-31.00.

SLAUGHTER BULLS: 1-2 1400-2100 lbs. 43.50-45.75, low dressing 37.50-43.50.

North Jersey Market

Hackettstown, N.J.
Tuesday, Dec. 16, 1986
Hay—Straw & Grain Report

Mixed -2.00-2.25/bale.
Total 2 Lots.

The Management and Employees of Evergreen Tractor Company, Inc., wish you and your family a Merry Christmas and a Happy New Year!

EVERGREEN TRACTOR CO., INC.

TRACTORS:

JD 4020 Power Shift Cab	$6,950
(1) White 2-105 w/Roll Guard	Make Offer
MF 50 Gas (recently overhauled)	$2,850
MH 22 w/3 pt. and 2 row cultivator	$1,650
4020, Syncro New Rear End	$8,450
4620, PS, cab, overhauled	$9,750
JD 3020 side console, gas	$5,850
JD 4010 Diesel	$3,950
JD 2040 Dsl. Tractor w/145 Loader	
JD 2440 Tractor	$8,950
JD 450 Crawler Loader	$10,500
JD 148 Loader for a 2640 or 2840 Tractor	$2,850
JD 2630 w/Cab	$11,500
JD 3020 Diesel Synco	$5,850

COMBINES & PICKERS:

JD 454, 4 Row Bean and Sunflower Head	$2,650
Gleaner M combine, 2 heads, nice	$11,700
6620 Side Hill, turbo hydro, heater & air, monitor, spreader.	
6600 hydro, rotary screen, diesel, heater & air, chopper, US feeder house, monitor, adjustable rear axle, bin extension.	
6600 gear, rotary screen, diesel, monitor, heater & air, US feeder house, bin extension.	
4400 Diesel, rotary screen, heater, monitor, US feeder house, bin extension, chopper.	
NI 324 2 Row Wide 12 Row 327 bed	$3,950
NI 818 combine 4R narrow head & 13' flex head. Sharp	
NI 2 row narrow, pull type picker	$3,950
(1) #343 3 Row 30"	
(1) #443 Corn Heads	
#244 Corn Head	
#244 Corn Head	
13' Grain Table	
(2) #444 Corn Heads	
13' & 15' Flex Heads, Black Reel	
JD 300 husker w/2 row	$6,850
NI 2 row narrow w/sheller, A1	$3,950
JD 216 Flex Black Reel	
JD 444 Corn Head	
JD 343 Corn Head w/Harvester Adaptor	$3,950

HAY MACHINES:

Hesston Hydro-Swing Mower Conditioner	$2,750
Hesston PT10 Mower Cond.	$2,350
NH 850 Round Baler	$3,850
JD #336 Baler w/#30 ejector	
Hesston PT 10 Mower Conditioner	$950
15' Hyd Fold Bat Wing Mower	$2,150
MC 9' Rotary Scythe	$1,450

GRAIN DRYERS:

New Farm Fans AB8 Auto-Batch Dryer.
MUST MOVE CALL FOR PRICE
(Dealer Inquiries Welcome)

Coming in . . .

Hudson 14' Tandem Axle Trailer
JD 201 Implement Carrier, new style
Kewanee 19' flat fold model #200 field cultivator
Kewanee #600 16' wing fold disc
JD 2500 5-18" auto reset plow

MISCELLANEOUS:

NI PTO 2 Beater Spreader, Model 214	$750
18.4x38 Direct Axle Dual Wheels	
14 9x38 Direct Axle Dual Wheels	
14.9x26 T-rail duals	
NH 679 tandem axle spreader, hyd endgate	$3,850
NH #90 Bale Mover	
NI 214 Spreader w/End Gate	$1,850
Best Land Rock Picker	$1,850
9 Tooth Folding Anhydrous Bar	$1,250
Owatonna stack wagon, model #540	$3,450
Cattle Feeder Wagon	$750.00
JD 18 4x38 Direct Axle Duals	$1,250

TILLAGE:

JD 1010 Flat Fold Field Cultivator 18'	$3,650
JD BWF 14' Flex Disc	$2,350
JD 1450 5x16 Plow	$1,950
JD F845 Roll Over Plow (New)	$2,850
JD TWA 12' Plowing Disc	$2,950
JD 3-14 F125 Plow	$475
JD 7B 2500 Plow SOLD	$3,650
JD 28x20 KBA Transport Disc	
JD 3-16 F620 Trailer Plow, nice	
JD 4-16" F350 Auto Reset Plow	$1,550
Brillion 10' Packer (Big Shaft)	$450
IH #55 10' Pull Type Chisel Plow	$1,575
IH 19' Vibra Shank, like new	$2,650
JD 5-15" 2500 Auto Reset Plow SOLD	

HARVESTERS & FORAGE EQUIPMENT:

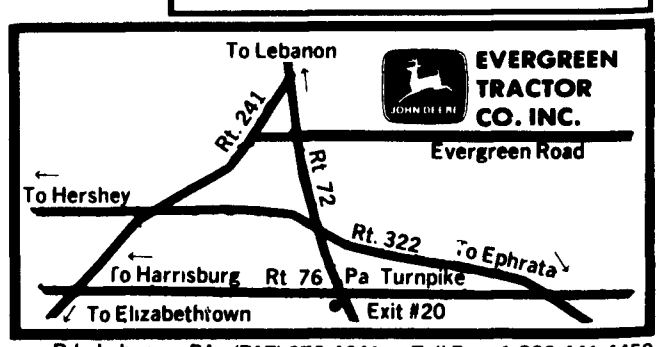
NH Super 717 Harvester	$2,450
NH P.U. Attachment	$575
JD 35 Harvester, 2 row narrow & pickup, sharp	$3,550
JD 15 Chopper	$450
JD 16A Chopper, sharp	$1,850

PLANTERS & GRAIN DRILLS:

JD 20x6 Model B Plain Grain with Grass D.D.	
JD 8 Row 7000 30" Planter	
IH #10 15 Hole Drill, Sharp	$1,475
JD 8100 14x7 Drill w/Grass, Sharp	$2,150

SPECIAL
NEW 16' 3 BEATER
ARTSWAY FORAGE WAGONS
$3,450.00 each

4 Only! **SPECIAL** 4 Only!
New JD Weather Shields
For 2840 Tractors
Part # AR86081
List $317 **SPECIAL $140.**



30 Evergreen Rd., Lebanon, PA., (717) 272-4641 or Toll Free 1-800-441-4450

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Trust Unverferth to load, carry, and unload your grain, seed, feed, and fertilizer.

Grain boxes, running gear, and hydraulic box and body augers for every material handling operation.

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Unverferth Mfg. Co., Inc., Kalida, OH 45853
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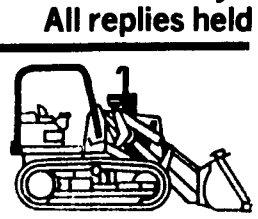
Experienced John Deere Mechanics wanted for growing John Deere Utility and Light Industrial Equipment Dealer. JD Ag experience OK, should have completed J.D.F.O.S. Program.

Full benefits including dental and retirement plan.

We are located in the Town of Newton, Pop. 8500, County Seat of beautiful rural Sussex Co. in New Jersey. Sussex Co. borders Orange Co., NY and Pike Co., PA. 20 miles from Milford, PA bridge. Drop a note or call Roy Van Eeckhoven, Service Manager.

All replies held in confidence.



G & H Service, Inc.
Route 206 North
P.O. Drawer E
Newton, NJ 07860
201-383-3370

Livestock market and auction news

Oklahoma Cattle

Wednesday, Dec. 17
Report supplied by USDA

Cattle & Calves: Estimate: 1000; Same Day Last Week: 240; Auction Sales: 615.

Insufficient numbers of feeder steers or heifers to develop new trend direction; however the few offered were fully 1.00 lower than Tuesday. Inability to form loadlots kept many buyers from participating in the trade. Slaughter cows steady to 50 cents lower. Cow demand fair. No trend test on bulls. Cows made up 35% of total auction sales.

FEEDER STEERS: Medium frame 1 few 200-375 lb. 72.00-76.00; 700-750 lb. 62.50-62.90; 800-875 lb. 59.40-60.10. Medium and large frame mixed 1-2 410# 65.50; 600-725# 60.70-62.00; 800-90# 58.50-59.50. Medium and large frame 2 475-750# 55.25-60.00; 860# brahman 51.50.

FEEDER HEIFERS: Medium few large frame 1 120 lb. 75.50; 215 lb. 64.00; 350-500 lb. 58.75-61.00; lot 760 lb. 57.50, packages 625-750 lb. 54.25-56.25. Medium and large frame mixed 1-2 250-400# 55.25-57.20; 610# 55.10. All and medium frame 1 400-500# 57.25-57.50. Small frame 1 300-550# 50.00-53.50. Medium and large frame 2 450-550# 52.00-54.30. 5, lot very high dressing 39.75, lot low dressing 32.75. Cutter 1-2 32.75-34.60. Canner and low dressing cutter 26.00-31.60.

SLAUGHTER BULLS: Y.G. 1 1200-1700 lb. few 42.00-48.00.

Replacement Or Feeder Cows: Small thru large frame 1-2 young 40.25-41.10, heiferettes 43.25-47.25; middle aged 33.00-36.75; aged 30.25-32.50.

For The Week: Feeder steers under 600# and heifers under 500# 1.00-2.00 higher; steers over 600# 1.00 lower; heifers over 500# fully steady. Slaughter cows steady to 50 cents lower. Slaughter bulls 1.00-1.50 higher.

East Coast Carlot

Wednesday, Dec. 17, 1986
Report supplied by USDA

Compared to Tuesday's close: Choice and prime special fed veal generally steady. Good and choice boning veal steady; inshipped generally steady in limited participation. Choice and prime lamb steady with last week.

Choice & Prime
(Special Fed)
1000 Head

220-280 lbs. 158.00-165.00, generally steady.

Good and Choice
Boning Type-Hide On
Northeastern Suppliers
350 Head

75 lbs. 80.00-82.00, 55-64 lbs. 78.00-80.00, 45-54 lbs. 76.00-78.00, 35-44 lbs. 74.00-76.00, 34 lbs. dwn. 72.00-74.00.

Inshipped
1150 Head

71-80 lbs. 81.00, generally steady, 61-70 lbs. 79.00, 51-60 lbs. 77.00, 41-50 lbs. 75.00, 30-40 lbs. 73.00.

Lamb Carcass,
Choice and Prime
6 Loads

Compared to last week:

55 lbs. down 150.00, steady; 55-65 lbs. 145.00, steady; 65-75 lbs. 140.00, steady.

New Wilmington Livestock Market

New Wilmington, Pa.
Monday, December 15, 1986
Report Supplied by PDA

CATTLE 316...PDA. Compared with last Monday's market: Slaughter cows .25 to .50 lower. Choice slaughter steers 55.25-58.00, Good 52.25-55.50,few Standard 45.25-48.50. Few Choice slaughter heifers 53.50-55.75, few Standard 40.50-42.75,few Utility 36.00-40.00. Breaking Utility and Commercial slaughter cows 36.00-39.75, Cutter and Boning Utility 32.50-37.00, Canner and Low Cutter 27.00-33.00, Shells down to 24.00. Standard slaughter bullock, individual 44.75, few Utility 37.00-39.75. Yield Grade No. 1, 1425-1815 lbs. slaughter bulls 41.50-44.50, individual 46.25, few No. 2, 1150-1420 lbs. 39.25-40.75. Feeder Cattle: Medium Frame No. 1, 350-540 lbs. steers 48.50-57.00. Medium & Large Frame No. 1, 315-510 lbs. heifers 40.00-47, 610-835 lbs. 39.50-46.50, Medium & Large No. 2, 330-740 lbs. 31-40.00. Medium & Large Frame No. 2, 510-700 lbs. bulls 48.00-53.00.

CALVES 273...Choice vealer, individual 96.00, few Good 66.00-75.00, Standard 48.00-60.00, Standard and Good 90-120 lbs. 45.00-54.00, 65-85 lbs. 30.00-45.00, Utility 50-80 lbs.10.00-24.00. Farm Calves: Holstein Bulls 90-135 lbs. 74.00-112.00, few Holstein Heifers 100-110 lbs. 58.00-61.00.

HOGS 395...Barrows and gilts .50 to $1 lower. US No. 1-2 220-250 lbs. 53.25-53.75, Lot 10 head 55.50 , 1-3 215-260 lbs. 51.50-53, 2-3 210-255 lbs. 50.00-51.75, 255-270 lbs. 48.75-49.25, 1-3 195-205 lbs. 43.00-50.25. Sows $3 to $5 lower. US No. 1-3 375-820 lbs. sows 39.00-44.75, 290-380 lbs. 35.00-38.00. Boars 35.00-38.75.

FEEDER PIGS 26...US No. 1-3 20-35 lbs. feeder pigs 20.00-35.00, 35-45 lbs. 35.00-47.00 — all per head.

SHEEP 107...Choice and Prime 70-85 lbs. wool slaughter lambs 68.00-78.00, 90-110 lbs. 60.00-69, Good and Choice 60-75 lbs. feeder lambs 63.00-71.00. Slaughter ewes 11.00-26.00.

GOATS 17...15.00-60.00 -- per head.

Central U.S. Carlot

Beef Report
Wednesday, Dec. 17
Report supplied by USDA

Central U.S. Carlot beef report (includes the major production areas in the midwest, Texas and Oklahoma) as of 3:00 P.M.

Compared to Tuesday's 3:00 P.M. report, choice 3 and good carcasses steady to weak in limited sales. Holstein-type steer steady to 2.00 lower; other carcass types not established. Demand very light in the face of light offerings at steady levels. Movement slow.

16 loads of steer carcasses and 5 loads of heifer carcasses traded to packer-processors.

Sales reported on 29 loads of steer and heifer carcasses.

Steer Carcasses:
(22 Loads Reported)
FOB Omaha Basis
Choice 3

600-900 lbs. 5 lds. range 92.00, latest estb. mkt. 92.00.

Choice 4

600-900 lbs. Unq.

Good 1-3

600-900 lbs. 3 lds. range 86.00, latest estb. mkt. 86.00.

Holstein Type-
Choice 1-3

600-900 lbs. 8 lds. range 82.50-84.50, latest estb. mkt. 82.50-84.50.

Good 1-3

600-900 lbs. 6 lds. range 77.00-78.50, latest estb. mkt. 77.00-78.50.

Heifer Carcasses
(7 Loads Reported)
FOB Omaha Basis
Choice 3

550-800 lbs. 2 lds. range 90.00, latest estb. mkt. 90.00.

500-550 lbs. 1 ld. range 88.00, latest estb. mkt. 88.00.

400-500 lbs. 1 ld. range 87.00, latest estb. mkt. 87.00.

Choice 4

500-800 lbs. Unq.

Good 1-3

550-700 lbs. 3 lds. 85.00, latest estb. mkt. 85.00.

400-550 lbs. 3 lds. latest estb. mkt. 75.00 B.

Steer and Heifer Primal Cuts
FOB Omaha Basis
Choice 3
Heifer Hinds

119-167 lbs. latest estb. mkt. 99.00 A.

Front Quarters

131-183 lbs. latest estb. mkt. 81.00 C.

Cow and Bull Carcasses
(11 Loads Reported)

Midwest: Cutters steady, instances 1.00 higher. Demand light but sellers very firm on limited offerings.

Sales in the Midwest
Production Area

Util, Brkg 2-4 450/Up# 59.00-59.50 A.

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Peoria Cattle

Thursday, Dec. 18, 1986
Report Supplied by USDA

Compared with last weeks close slaughter steers and heifers closed 1.00 to 2.00 lower, except holsteins steers 3.00 lower. Cows closed fully steady. Bulls generally steady. Supply mainly good to average choice slaughter steers and heifers with 17% cows. Estimated receipts this week about 2400 as compared with actual receipts of 2258 a week ago and 2253 a year ago.

SLAUGHTER STEERS: Choice 2-4, mostly 3 1050-1300 lbs. 58.50-60.00, part load 60.50; 975-1050 lbs. 57.50-59.00. Mixed good and choice 2-3 1000-1200 lbs. 55.50-58.00. Good 2-3 900-1100 lbs. 52.00-56.00 mixed good and choice 2-3 holsteins 1300-1600 lbs. 48.00-50.00.

SLAUGHTER HEIFERS: Choice 2-4, mostly 3 950-1150 lbs. 56.50-58.00, load 58.25-58.50, load 1260 lbs. exotic crossbred 59.00; 875-950 lbs. 56.00-57.50. Mixed good and choice 2-3 900-1100 lbs. 54.50-56.00 good 2-3 800-1000 lbs. 51.50-55.00.

COWS: Breaking utility and commercial 2-3 32.00-35.00. Cutter and boning utility 1-2 30.00-34.00, few high dressing 34.00-35.50. Canner and low cutter 28.00-32.00, few thin 25.00-30.00.

BULLS: YG 1-2 1500-2270 lbs. 40.00-43.00.

Carroll Co. Hay

Westminster, MD
Tuesday, Dec. 16
Report supplied by Auction

23 loads.

Alfalfa, very good, 165.00-190.00, good 119.00-130.00, fair 101.00, 1.70 bale.

Alfalfa with Orchard Grass 186.00; Timothy and Alfalfa, 115.00; Timothy, 135.00-140.00; 2nd cutting Timothy, 130.00; Timothy and Clover, 112.00; Mixed Grass, 110.00.

Mixed Hay, 111.00; Meadow Grass, 81.00; Wheat Straw, 1.05-1.10 bale, 86.00-107.00; Rye Straw, 99.00.

Carlisle Livestock

Graded Feeder Pig Sale
Carlisle, Pa.
Friday, December 12

Results: TREND Compared to November's State Graded Sale pigs graded 1&2's were fully steady while pigs graded 2&3's were 5.00 to 10.00 higher. All pigs weighed on arrival and sold by the hundred weight.

Total Headage 1,055 pigs.

US No. 1 &2's 555 hd. 13 hd. 26-29 lbs. 135.00-137.50; 81 hd. 40-49 lbs. 106.00-117.00; 199 hd. 50-59 lbs. 104.00-128.00; 146 hd. 61-69 lbs. 89.00-112.00; 111 hd. 73-92 lbs. 82.00-105.00; 5 hd. 110 lbs. 72.00.

US No. 2's 354 hd. 2 hd. 17 lbs. 137.50; 61 hd. 27-39 lbs. 110.00-135.00; 152 hd. 41-49 lbs. 102.00-127.50; 82 hd. 54-59 lbs. 86.00-104.00; 44 hd. 60-69 lbs. 84.00-97.00; 13 hd. 79-86 lbs. 83.00.

US No. 2 & 3's 33 hd. 26-37 lbs. 102.00-126.00; 40 hd. 46-49 lbs. 100.00-101.00; 38 hd. 58-75 lbs. 78.00-93.00.

Utilities: 23 hd. 27-79 lbs. 50.00-80.00.

As Is: 12 hd. 35-58 lbs. 59.00-65.00.

Next State Graded Feeder Pig Sale will be on Friday, January 9th at 1:30 PM (Grading 7:30 until 11:30 AM).

Weekly Summary

Harrisburg, PA
Friday, Dec. 19
Report supplied by PDA
14 Livestock Markets

CATTLE: 5976. Compared with 6149 head last week and 6465 head a year ago. Steers to 1.00 lower; heifers uneven; cows .25-.50 lower; bulls steady to weak; few High Choice & Prime steers 62.00-68.00; Choice 57.00-63.00; Good 52.00-58.00; Standard 42.00-52.00; Choice heifers 52.00-59.25; Good 48.00-54.50; few Standard 40.50-47.00; Breaking Utility & Commercial cows 35.75-40.00; Cutter & Boning 32.50-38.00; Canner & Cutter 27.50-34.50; shells 22.00. few Choice bullocks 50.00-53.00; few Good 44.50-49.25; few Standard 44.00-47.00; YG No. 1, 1100-2200 lb. 42.00-51.00; No. 2, 900-1400 lb. 38.50-45.00.

FEEDER CATTLE: Large & Med. No. 1, 325-600 lb. steers 48.50-64.00; Large & med. No. 1, 300-700 lb. heifers 43.00-53.00; few Large & Med. No. 1, 300-700 lb. bulls 44.00-58.00.

CALVES: 3497. Compared with 3229 head last week and 3884 head a year ago. Good & Choice mostly steady; Standard and Low Good steady to 2.00 higher; few High Choice & Prime 92.00-110.00; Choice 75.00-90.00; Good 58.00-78.00; 90-110 lb. 43.00-55.00; 70-90 lb. 35.00-48.00; hol. bulls 90-130 lb. 75.00-115.00; heifers 90-135 lb. 50.00-67.00.

HOGS: 5206. Compared with 5623 head last week and 5577 and head a year ago. Weak to 2.50 lower; most decline later part of week; No. 1-2, 210-250 lb. 51.00-56.50; No. 1-3, 200-260 lb. 50.00-53.00; No. 2-3, 210-265 lb. 48.00-51.00; few No. 2-4, 230-280 lb. 45.00-50.00; few No. 1-3, 160-190 lb. 40.00-51.00; sows steady to 2.00 lower; No. 1-3, 300-700 lb. sows 38.00-46.50; few No. 2-3, 400-700 lb. 35.00-42.00; boars 30.00-38.00.

FEEDER PIGS: 899. Compared with 1505 head last week and 879 head a year ago. Mostly steady; 20-35 lb. 20.00-40.00; 35-50 lb. 30.00-57.00.

2 GRADED FEEDER PIG SALES: 2463. Compared with 2390 head last week and 4214 head a year ago. Strong to 10.00 higher; No. 1-2, 15-30 lb. 135.00-184.00; 30-40 lb. 115.00-145.00; 40-50 lb. 102.00-130.00; 50-60 lb. 90.00-128.00; 60-70 lb. 84.00-110.00; 79-90 lb. 82.00-105.00; No. 2-3, 25-40 lb. 102.00-132.00; 40-50 lb. 95.00-102.00; 40-50 lb. 95.00-102.00.

SHEEP: 1966. Compared with 1093 head last week and 1741 head a year ago. Steady; High Choice & Prime 80-120 lb. 62.00-70.00; Choice wooled lambs 70-110 lb. 57.00-66.00; few Good & Choice 55-75 lb. feeder lambs 63.00-84.50.

NEW CROP LAMBS: Choice 20-45 lb. 130.00-190.00; 40-60 lb. 105.00-150.00; 60-80 lb. 80.00-120.00; ewes 11.00-35.00.

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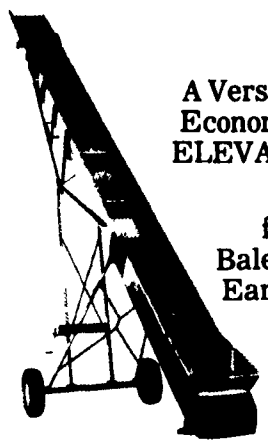

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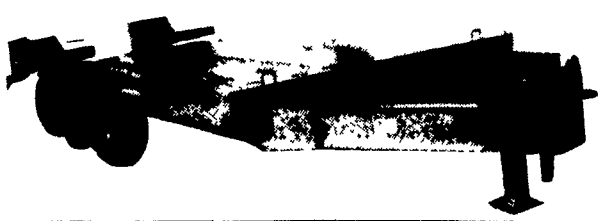

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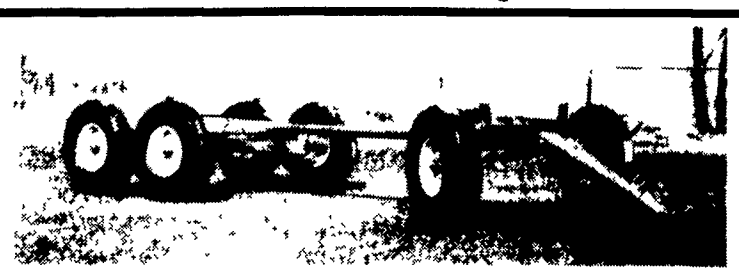

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Apple Market News

December 17, 1986
Report Supplied by PDA

Trends: December 15, 1986, Apple Shipments 68-83-97 including exports 11-19-14.

Movement expected to remain about the same. Increased shipments last week reflects stronger holiday demand which is expected to continue this week. Most holiday and for export have been shipped, export movement is expected to decrease.

Processors report strong demand for juice apples trading between $5.00 to $5.50 per hundred weight for straight loads. Trading fairly active and prices unchanged.

Special storage cartons 12-3 lb. bags Red Delicious few sales $9.00-$10.00.

Apples were exported to Bermuda, Barbados, Costa Rica, Columbia, England, Norway, Panama and Puerto Rico.

SUMMARY

Cartons 12/3# bags 2¼", U.S. Fancy unless otherwise stated: Red Delicious, 8.00-9.00 best 8.50-9.00; Golden Delicious, 7.00-8.00; York-Winesap, few sales 8.00-9.00; Rome 8.00-9.00 few 7.50; Stayman, few sales 8.50-9.00 occ 8.00.

Traypack cartons: Combination U.S. Ex. Fcy & Fcy unless otherwise stated: Red Delicious, 72-88 9.00-10.00 few best 11.00; Red Delicious 100-113 10.00-11.00 some 9.00-9.50 best higher; Red Delicious 125 10.00-11.00 occ 9.00-9.50; Golden Delicious 80-100 10.00-12.00 mstly 11.00; Golden Delicious 113 10.00-11.00; Golden Delicious 125 9.00-10.00 mstly 10.00; Stayman 72-100 16.00-17.00; Stayman 113 15.00-16.00 occ 17.00; Rome 64-100 10.00-12.00 mstly 11.00; York-Winesap 80-113 few sales 12.00.

The above price quotes are from the Appalachian Fruit Report, Federal-State Market News for Wednesday, December 17, 1986.

North Jersey Livestock

Hackettstown, NJ
Tuesday, Dec. 16
Report supplied by auction

Calves- .22-1.11.
Cows 28.75-44.00.
Easy Cows .06-35.50.
Heifers 29.00-48.75.
Bulls 30.00-54.00.
Steers 36.75-58.75.
Hogs 23.00-46.00.
Roasting Pigs, each 5.00-41.00.
Boars 30.00-32.00.
Sows 30.00-38.00.
Sheep .09-.75.
Lambs, each 31.00-80.00.
Lambs, per lb. .25-1.45.
Goats, each 42.00-86.00.
Kids, each 21.00-62.00.
Total 1629.

Frederick Livestock

Monday, Dec. 15, 1986

BUTCHER COWS: Good run $1.00 higher. Good 37.50-39.25; Standard & Utility 33.00-37.00; Canners 28.00-32.00; Shelly 30.00-Down.

BULLS: Steady. Good 42.00-44.00; Medium 37.00-41.00.

STEERS: Good & Choice 52.00-55.00; Standard 46.00-51.00.

HEIFERS: Good 42.00-45.00; Medium 38.00-41.00.

BUTCHER HOGS: $1 lower. 240-270 lbs. #2's 50.00-52.00.

SOWS: 300-450 lbs. 40.00-41.50; thin sows 36.00-40.00.

VEAL CALVES: Mostly steady prices. Good-Choice 60.00-70.00; Standard 55.00-59.00; Stocky & Thin 50.00-54.00; Light Calves 44.00-50.00. Weak & Rough 43.00 down.

CALVES RETURNING TO FARM: Bulls $3 higher.

HOLSTEIN HEIFERS: 90-120 lbs. 52.00-60.00.

HOLSTEIN BULLS: 85-95 lbs. 55.00-80.00; 100-115 lbs. 85.00-101.00.

LAMBS: Few offered. Good 64.00-66.00.

STOCK CATTLE: Steady prices. Steers- Choice 56.00-58.00; Good 52.00-55.00; Medium 47.00-51.00. Heifers Good 41.00-45.00; Medium 36.00-40.00. Bulls- Good 44.00-48.00; Medium 40.00-43.00. Dairy Cows 350.00-550.00.

SPRINGING HEIVERS: 500.00-700.00.

PIGS & SHOATS: Mostly Steady. By The Head 20-30 lbs. 20.00-33.00; 40-60 lbs. 35.00-48.00. By The Lb. 100-140 lbs. 43.00-51.00.

St. Louis Cattle

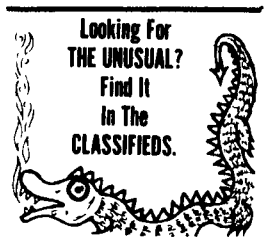
December 18, 1986
Report Supplied by USDA

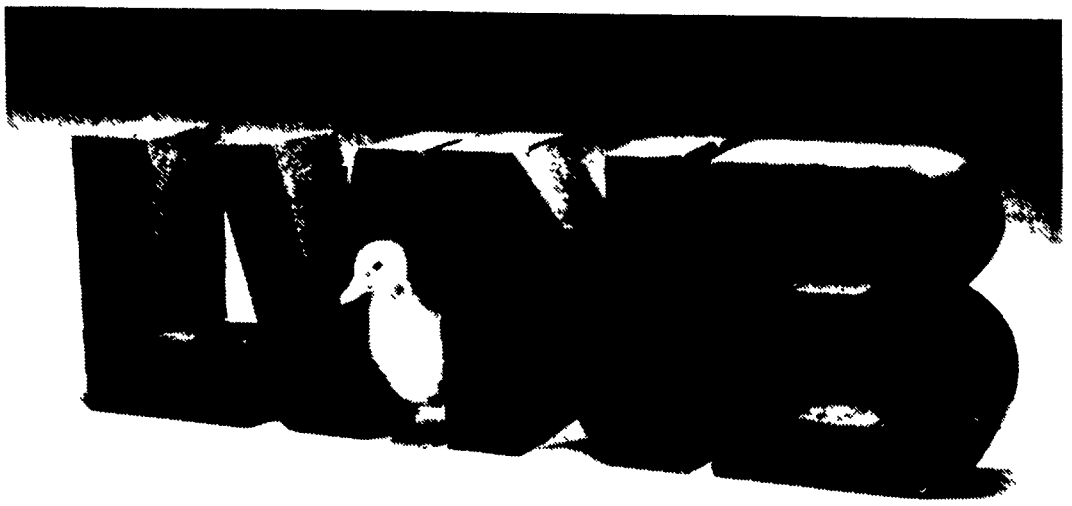
FEEDERS: Receipts approximately 1,200. Receipts expected to fall below estimate.

Feeder steers and heifers 1.00-3.00 lower. Supply mainly medium and large frame 1-2 400-600 lb. steers and heifers. Quality well below normal.

FEEDER STEERS: Limited supply medium and large frame 1: 300-500 lbs. 60.00-66.50, package thin 365 lb. 69.50; 500-700 lbs. 55.00-61.00; 700-1000 lbs. 53.00-57.00. Few lots fleshy 875-975 lb. 51.00-55.00. Medium and Large Frame 1-2 300-500 lbs. 58.00-62.50; 500-700 lbs. 53.00-59.00. Medium and Small Frame 1-2: 300-600 lbs. 55.00-59.00.

FEEDER HEIFERS: Limited supply medium and large frame 1: 300-500 lbs. 52.00-56.00; 500-700 lbs. 53.00-57.00. Consignment 520 lbs. cross breds 59.25. Medium and Large Frame 1-2: 300-600 lbs. 50.00-53.00. Medium and Small Frame 1-2 300-600 lbs. 47.00-51.00.





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Rabies Law Signed

(Continued from Page A1)

required under the new law to be performed under the supervision of a trained veterinarian with the exception of Department of Agriculture certified owners of kennels, who are permitted to vaccinate their own animals.

Rabies among wildlife has become an increasingly serious problem. For 30 years prior to 1982, there was an average of 20 to 30 confirmed animal rabies cases in Pennsylvania annually. The number shot up to 74 cases in 1982 and has increased steadily, reaching 450 in 1985 and totaling 561 so far this year.

The current outbreak spread into Pennsylvania from Virginia and Maryland. Most of the Pennsylvania cases have occurred in the south central portion of the state, affecting for the most part raccoons, skunks, bats and various other wild animals.

"By no mans can we legislate the elimination of rabies," Thornburgh said, "but Senate Bill 562 will go a long way towards keeping the disease from spreading from the wilds into our homes."

The legislation also requires the state Department of Agriculture to continue efforts to prevent and control rabies in cooperation with the Department of Health and the state Game Commission.

Under the measure the Department of Agriculture will continue to assist in establishing low-cost anti-rabies clinics. Also, the department may now contract with Wistar Institute in Philadelphia for a comprehensive multi-year wildlife vaccine research program. A $273,000 appropriation is included for this purpose.

Earlier this year, the Governor's Office of Policy Development took the lead in setting up an interagency task force to coordinate the state's anti-rabies program. A toll-free hotline (1-800-692-7254) was established to answer questions regarding rabies and to refer situations to the proper state or local agency.

From All The Employees And Management Of M.H. Eby, Inc. Have A Happy And Safe Holiday Season

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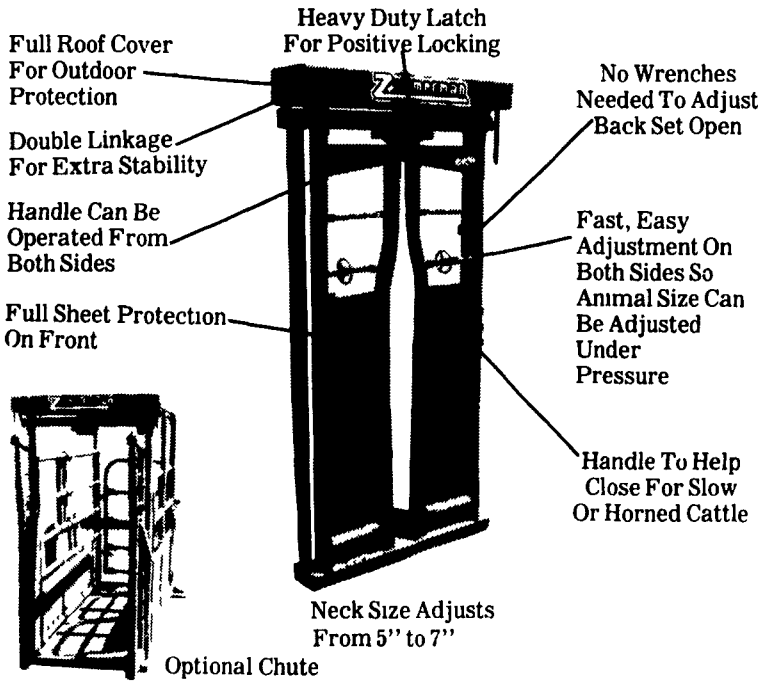
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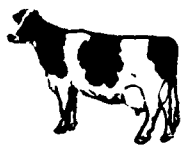
'And when they were come unto the house, they saw the young child with Mary, his mother, and fell down and worshipped him; and when they had opened their treasures, they presented unto him gifts gold, and frankincense, and myrrh.'

Westfalia and Their Sales Centers Prayfully Wish All The Dairy Farm Families A Joyous Holiday Season. Take Time To Attend The Church Of Your Choice.



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Southeastern Ayrshire Association Elects Officers

Leading the Southeastern Pennsylvania Ayrshire Association will be, from left: President Bob Campbell, Lancaster County, and directors Ed Henley, Chester County; Wes Harding, Lebanon County; and George Seidel, Berks County.

BY SALLY BAIR
Lancaster County
Correspondent

BROWNSTOWN — Robert Campbell, Narvon Valley Farm, Lancaster County, was re-elected president of the Southeastern Pennsylvania Ayrshire Association at their annual meeting last week.

Elected vice-president was Ann Young, West Grove, and re-elected secretary-treasurer was Betty Henley, Cochranville, both in Chester County.

Harold Kulp, Pottstown, Chester County, was elected to serve as State Director. Wes Harding, Lebanon, and Warren Schmuck, Peach Bottom in Lancaster County, were elected to serve a two-year term as director of the local organization. George Seidel, Womelsdorf, Berks County, and Ed Henley Cochranville, are serving another year of their two-year terms.

Members attending the annual meeting voted not to increase annual dues, keeping them at the current $5, but decided to be more aggressive in notifying members of their status in paying dues.

They also voted to continue to make available $100 to a young person toward the purchase of an Ayrshire calf to be used as a project animal. Runners-up in the contest will receive subscriptions to the Ayrshire Digest. Information about the contest will be mailed to the 30 vocational agricultural departments in the southeast region.

Milton Brubaker, secretary-treasurer of the state association, said that applicants must submit information on their vocational program, as well as their community involvement, scholastic achievement and an essay on raising a calf. Applicants are asked to be part of a personal interview to select the winner.

Members also voted to continue sending subscriptions to the Ayrshire Digests to the 30 vocational agriculture departments in their area. Charles Gale, Elverson, Chester County, announced that he will be running for the position of National Director.

It was announced that the state association will be working to help host the World Ayrshire Conference in 1988. The group will be spending two days in Pennsylvania.

Brubaker told the group that Betty Kiefer will be serving as assistant secretary treasurer in the coming year. The winter meeting of the state Ayrshire Association will be held on Tuesday, Jan. 13 at the Farm Show Building. The Ayrshires will be shown beginning at 11 a.m., and the business meeting will begin approximately one hour following the show.

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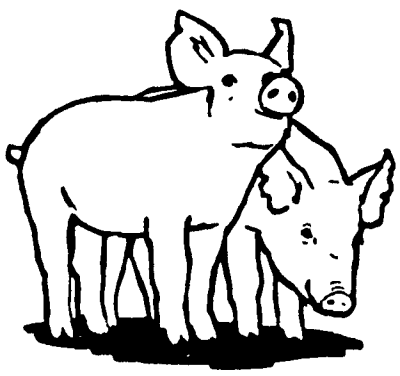

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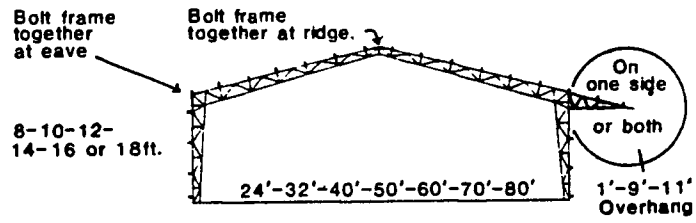

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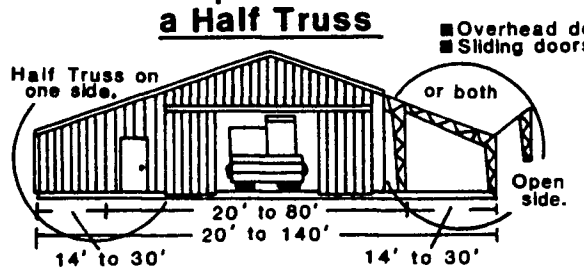

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Optimism Prevails At New, New Jersey Dairy Farm

JACKSON, N.J. — Establishing a dairy farm on the sandy soils of central New Jersey, halfway between the thriving metropolises of New York, Philadelphia and Atlantic City, could be construed as crazy or requiring a large dose of pluck.

Filling the bill, Tenpenny Farm is riding a wave of optimism that dairy farming can survive in New Jersey despite skyrocketing land values and suburban sprawl. Owners Vince and Kelley Blasco are entering into the dairy business with the conviction that the "best way for us to make it (in dairy farming) in New Jersey is to direct market milk."

When investigating the feasibility of dairy farming, dairy specialists at Penn State and Rutgers told the Blascos they were crazy, however they were always there with answers to our questions, according to Vince.

Added encouragement came from articles in farm newspapers and magazines. Vince noted that the message he received from the articles was that there is still hope in dairy farming, if debt is kept to a minimum.

Ultimately, within five years, they plan to open a jugging operation that specializes in cream-line milk. After constructing half of the necessary buildings, increasing the herd to 36 total head, and clearing one-fourth of the total land, the Blascos are on their way to seeing their plan to fruition.

Vince and his wife, Kelley, were drawn into dairy farming over a period of three years. Neither possess a farm background. "Our background on animals was limited to pets — maybe," Vince explained.

In 1981 they moved to their present home in Ocean County and started with 18 acres and racehorses. The Blascos bought their first cow, a Jersey-Holstein cross, "Pearly Mae," in mid-1982. Their four children were drinking two gallons of milk a day and they decided "why not, we had the horses, how much more trouble could a cow be," Vince noted.

A visit to a neighbor netted them "Peaches," a Jersey cow. "We fell in love with her and couldn't resist. We didn't need her and had to scrape for the money to pay for her," Kelly said. The Blascos paid for Peaches by selling a sailboat for $850, Peaches exact price.

A large senior citizen community, which remembers raw milk from their youth, surrounds the Blascos' home of Jackson, near Toms River and Lakewood. These neighbors, knowing of the Blascos' cows, inquired about possibly purchasing milk from the Blascos and implanted the idea of opening a jugging operation, Vince noted.

These requests spurred him into contacting the New Jersey department of agriculture. New Jersey state officials came out to look at the Blascos' facilities, Vince said. The officials took a quick inspection of their delapidated barn and informed Vince and Kelley that major repairs would be needed before they could sell milk.

This rejection lead them to seriously consider purchasing the land next door which was for sale at "a reasonable price," Vince said.

"My wife had to kick me and told me we were going to buy the place even if I had to go back to work to make the payments," he said. Vince, trained in construction, found employment as a construction inspector. Another party's interest in the overgrown property hastened their decision.

"We had leased it for two years with the option to buy. 1983 was not a good market for land. Then things started to change," Kelley said. Which added to the difficulty in obtaining the land.

The original property owner realized he had sold the land too cheaply and insisted on holding the closing on the agreed upon day of May 1, 1985. The Blascos requested an extension of six days while their sale of two houses was completed. They also sought a short-term loan during the interim between the closing and their house sale.

Then, Vince relates, he "darn near had to sue the banks for a loan." The banks which Blascos dealt with were unfamiliar with agriculture thus making them reluctant to authorize a loan in-spite of the Blascos' healthy credit line. A timely call to the bank commissioners office yielded both the extension and the loans necessary for the closing, Vince explained.

During the two years they leased the land, Vince and Kelley were busy clearing land and accumulating information, equipment and cows to prepare them for the move to full-time dairying.

"We talked to innumerable dairy farmers in Pennsylvania and New Jersey. We'd be driving down the roads in Pennsylvania and Vince would see some farmers and say 'I'm going to stop and talk.' Specifically he was looking for juggers but he'd stop and talk to any dairy farmer," Kelley said.

They also quizzed the professors at Penn State and Rutgers Universities and "did an awful lot of reading," she noted.

On the medical end, Pearly Mae provided a hands-on type of education. "She was our first everything — first cow, first bull calf, first heifer, first twins, first retained placenta and first breech birth," Kelley explained.

Kelley, who is a registered nurse, has found her medical background to be very helpful, especially with the closest vet, with a specialty in cows, living 45 miles away. "He told us that cows have the same ailments as people — except the cows have a few more stomachs." She noted that with her background she is able to solve a lot of little problems.

By starting gradually the Blascos were able to see the symptoms and health problems one cow at a time.

Vince cites as the "nail in the coffin to getting started" a visit to a jugging operation outside Penn State. "People were standing in line on the street to get what they were selling." And after tasting first hand the quality that attracted the crowd, he decided to model their operation on the same concept.

To offer quality milk and ice cream products they opted to raise Guernseys. In order to compete with the local convenience stores and grocery stores, we have to sell a richer, creamier, higher fat product, Vince said. To meet this criteria, Tenpenny farm will be selling Golden Guernsey milk in glass bottles to add to the milk's appeal.

They learned about Golden Guernsey milk from a nearby farm during their explorations. This farm also provided the foundation for their Guernsey herd. The Blascos purchased a dry cow bred to Kelloggs Minnies Choice.

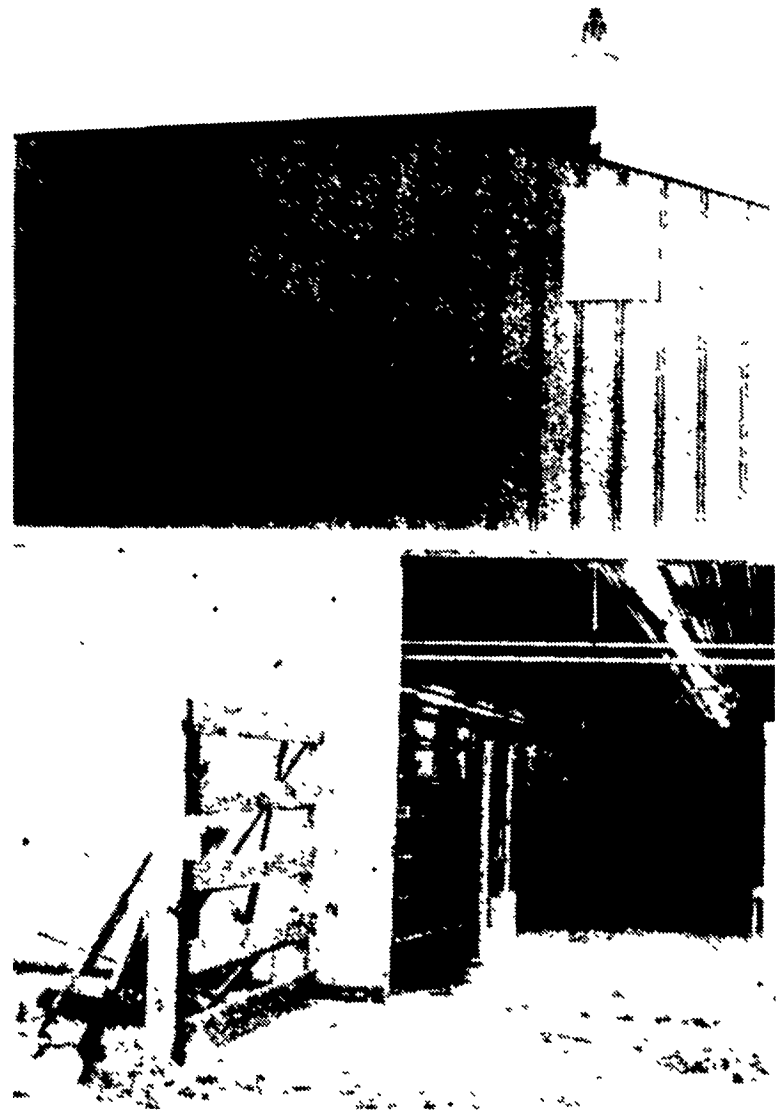
Raising registered cows was a business decision. Vince explained that with proper management they would be breeding with AI to improve the herd and AI costs are the same for grade or registered animals. Plus with registered cows there is an added market from the sale of the animals.

When Tenpenny farm begins their jugging operations, they plan to offer an educational experience besides a quality product. "We are going to arrange our facilities so that people can see the milking and care of the cows, and so that kids don't think milk comes from Turkey Hill," Vince said. "We are also planning on a menagerie of small farm animals in one corner of the farm."

Presently the buildings include a 40-cow tie stall barn, a hay barn large enough to hold hay for a 80 cow herd, the milk house and an area for future milk processing. A milking parlor and a second 40-cow tie stall barn will be built in the near future, Vince explained.

He added that the two tie stall barns will lie on opposite sides of the milking parlor with the hay barn directly behind the milking parlor. The future store will lie in front of the milking parlor and be set-up in such a manner to permit customers to view the milking and processing.

(Turn to Page A23)



The recently completed barn contains 40 tie stalls and two box stalls. The milking parlor will join this barn and a similar barn. Planning to add to the stall barn, the Blascos did not have the end of the roof finished.

Vince, left, and Kelley Blasco hold their two original cows, Peaches, left, and Pearly Mae.

The beginning of Tenpenny Farm. These are the make-shift washing facilities the Blascos used before their new barn was built.

Tenpenny Farm, named for Vince Blasco's construction background, is located in Ocean County New Jersey, halfway between New York, Philadelphia and Atlantic City. A second tie stall barn is planned to the right with the milking parlor being built to connect the stall barns and the hay barn.

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Adams County DHIA Improves By Nearly 1,000 Pounds

By Ginger Secrist Myers
Adams County Correspondent

BIGLERVILLE – "Improvement" was the catch-word at the 58th Adams County Annual DHIA Banquet held recently at the Biglerville Firehall. County Extension Director Tom Piper highlighted that the county's herd average has improved by 913 pounds of milk and 14 pounds of fat over the county's 1985 average. There were 55 whole year herds on test in Adams County in 1986.

Most improved herd in the county in all three categories belongs to Melvin and Carolyn Durbarow, Gettysburg. The Durbarow's 64 Holsteins improved their average by 3,272 pounds of milk, 131 pound of butterfat, and 107 pounds of protein in 1986.

Kling-Ayr Farm, Charles and Martha Klinger, New Oxford, was second in all three categories for improvement, but came out on top of the list as the high herd in the county. Their herd averaged 21,336 pounds of milk, 753 pounds of butterfat, and 678 pounds of protein on 35 cows.

The high lactation cows for milk and fat both came out of the Ray Dutterer herd, Littlestown. "Helen", a registered Holstein had the top milk record at 8-7 with 32,774 pounds of milk. A Holstein, cow number 115, in the Dutterer herd made the county's top fat record at 5-9 of 1,119 pounds.

High lifetime cow for milk went to Lagging Stream Farm for "Cupid" who produced 226,984 pounds of milk in 11 lactations. Top lifetime fat producer was "Angela" who made 8,231 pounds of fat for Brown Valley Holsteins in nine lactations.

Robert Hoffman, York Springs, received the trophy for the county's lowest somatic cell count.

Featured speaker for the evening was Robert Damm, director of marketing and field services for Pennsylvania DHIA. Damm's presentation emphasized that improvements being made in DHIA must be made to compliment changes in the future that DHIA will have to make to remain a relevant service to dairymen.

Damm stated, "There is no reason for DHIA to exist except as a service to dairymen. It is the business of DHIA to make your business more profitable. Ultimately, you are the end user of the records and data received from those records, and also the initial producer of these records."

To facilitate improvements needed to keep pace with industry changes, Damm stressed that the membership must recognize that they own and control Pennsylvania DHIA. However, he noted, ownership and control does not necessitate doing the day to day operations of the program. For this, there is the hired staff.

Damm touched on several current issues including the fact that DHIA should be completely on their new main frame computer by the first of the year. There is also a new SCC machine on line. Damm stressed that changes in SCC in a herd is one of the most reliable indicators of the economic level at which that herd is operating.

Finally, he encouraged dairymen to return their supervisor evaluation sheets as soon as possible to DHIA, stating, "What happens in the barn really is very important to us."

Award winners at the 58th Adams County Annual DHIA Banquet included, left, Mr. and Mrs. Charles Klinger, Kling-Ayr Farm, for high herd in the county with 21,336 pounds of milk, 753 pounds of fat and 678 pounds of protein. Mr. and Mrs. Melvin Durboraw were recognized as having the most improved herd average in the county, increasing their 1985 average by 3,272 pounds of milk, 131 pounds of fat, and 107 pounds of protein.

New members elected to the Adams County DHIA Board included: Dan Leer, Jeff King, and Alan Zepp. Officers for 1987 will be: Timothy Brown, president; Doyle Waybright, vice-president; and Marcia Brown, secretary-treasurer. Other Board members include: Gerald Stoner, Russell Redding, David Kehr and Wayne Roadgers.

Clear Spring Dairymen Tabbed Inter-State Director

SOUTHAMPTON – Donald L. Spickler has been named a director of Inter-State Milk Producers' Cooperative, according to Robert B. McSparran, president.

Spickler, Clear Spring, Md., was elected by Inter-State's District 25 members. He replaces L. Elmer Vickers, Kearneysville, W. Va., who served as a director for 11 years.

Spickler, 48, has been an Inter-State member for 22 years. He and his family own and operate Cedar Brook Farm Inc., where they milk 100 Holsteins and farm 600 acres.

Active in various agricultural organizations, Spickler is a member of the Washington County Farm Bureau, the county, state and national associations of soil conservation districts, the Fairview Grange and the Maryland Ag Week Inc.

In addition, Spickler is active in community organizations, including the Washington County Planning and Zoning Commission, the Chesapeake Bay Program, the Wilson Ruritan Club, the Elks Club, the Hagerstown/Washington County Chamber of Commerce and the Governor's Commission for Appalachia, as well as others.

A graduate of the Hagerstown Junior College, Spickler received an associate degree in business administration.

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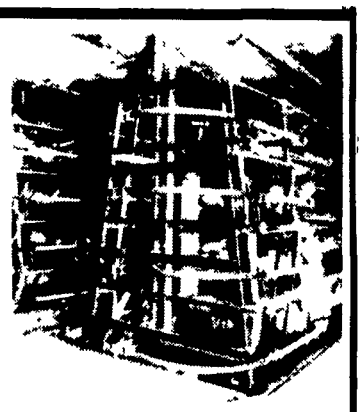

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Tenpenny Farm: Building For The Future Of Dairying In New Jersey

(Continued from Page A20)

The planning started to pay off when the Blascos began shipping milk in the end of October to Dairylea. On 15 head they are averaging 38 pounds per day. "We are just engrossed in watching the amount of milk (shipped) grow," Kelley said. "That we are able to receive payment for the milk and get something out of it besides a 'good night Pearl' at the end of the day is just amazing," Vince added.

One of the drawing cards for the Blascos was the ability to work together. "It's your own business and it is a way of life. We saw what could be done and we were in the right place at the right time," Kelley said. "This is our dream, our children don't exactly embrace the idea," Vince added.

Their four children, John, 18, Scott, 16, Shannon, 15, and Melissa, 14, have always been there to help out, Vince notes. He credits Kelley and his two daughters with getting the farm off the ground. Kelley did the milking and herdsman duties with help from his daughters while he did other things to prepare for the eventual start up, Vince stated.

He objects to the term part-time farmer. He doesn't know how you can farm successfully part-time. "I now know why they put lights on tractors," he quipped. Kelley added, "My mind swims with how difficult it must be to do the field work and cow care."

Vince doesn't profess to knowing all the ins and outs of the business. "I've been on the business end of the cow and the fork. Not that this equates to 30 years in the business, but our specialty will be in herd management and processing." For this reason, they based their ration on hay, which they buy, and 60 acres of high intensity pasturing.

"The professors at Rutgers and Penn State told us — if you're going to raise feed, raise all of it and if your are going to buy your feed, buy all of it. I always thought that if the feed was cheap, I couldn't grow it cheaper. If it was expensive, everyone had a bad year and I would too. There is no cloud hanging over New Jersey that makes everything grow right," Vince explained.

Things have not always gone well for the Blascos. "We've been lucky. Things that could have set us back 10 years were resolved within a week. We had help from above," Vince said.

They reached their financial breaking point shortly before their loan came through. Without the loan to build the barns they would have had to sell the cows, Kelley explained. The feed was near the end, something had to give, Vince added. With the loan approval, plans proceeded as hoped for.

By September the construction was scheduled to be completed and the cows moved in. However, it wasn't until mid-October that the project was finished. Up until then, Kelley was milking 18 cows in a six stall barn held together by baling wire. "God bless baling wire. It reached the point where it was coming apart, but we weren't going to invest anymore in repairs," Vince remembered.

He marvels at what they have now, compared to when they started with a make-shift milking set-up and a one iron-lung vacuum pump.

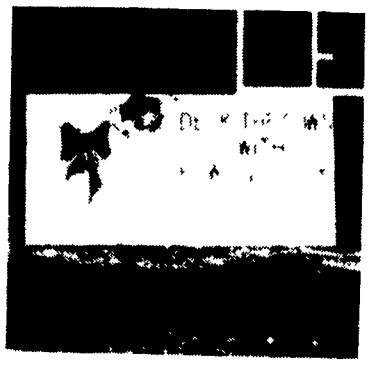
With all new facilities, they don't anticipate problems with keeping the facility clean and the neighbors appeased. "If we allow people to watch what we are doing we'll have to keep it clean or we'll run away business," Kelley said. "We will need to be a showplace."

They plan to start processing when they milk 40 cows and hope the demand is present for planned increase to 80 cows. "Three years ago we planned to sell to 3 percent of the population. With the ever increasing population, our outlook for success look better," Vince said.

Although they are optimistic about their plans, Vince admits he has an added security. "The price of ground has raised so much in New Jersey that if things don't work out we would have sufficient funds from the sale of the ground to haul the buildings away."

The skyrocketing price of land is a concern for Vince. Although he recently received an offer of $2 million for his 80 acres, he explains that with this type of incentive farmers cannot afford to continue farming in New Jersey.

He urges Pennsylvanians to increase their land preservation efforts. "Once the land is gone, you have wall-to-wall people and you can't get the land back." In New Jersey the building boom happened quickly and the state's land preservation efforts were too little too late. Vince noted that the two most expensive places in the country to build homes were located in New Jersey.



"God bless baling wire," Vince Blasco stated when recalling the condition of their old milking barn. Boards were braced from the ceiling to support the stanchions.

Vince notes, "We are probably getting in at one of the worst times, but we may be hitting it right."

The Blascos have their master plan drawn. With wise management and optimism their future and new year look bright.

USDA Buyout Report

WASHINGTON — An estimated 8,800 head of dairy cattle were slaughtered in federally inspected plants during the week ending Nov. 22, as a result of the Dairy Termination Program, the U.S Department of Agriculture announced Wednesday.

This total includes all cows, heifers and calves identified as dairy animals designated for disposition in compliance with the program requirements.

The cumulative total of cattle slaughtered under the program from April 1 through Nov. 22 is an estimated 870,600 head.

The purchases of meat in addition to normal purchases are to help offset the effects of the DTP on the domestic meat market. The cumulative purchases, reported biweekly as of Dec. 5, total 333.3 million pounds.

Dairy cattle reported for export under the program for the period April 1 to Dec. 5 totaled an estimated 45,719 head. An estimated 1,205 were exported during the week ending Dec. 5.

Live cattle exported under the program are expected to increase as countries develop tenders to participate in the export enhancement program.

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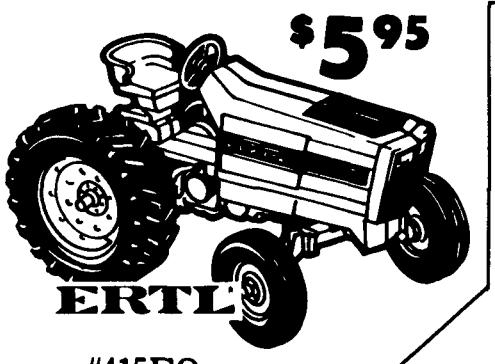

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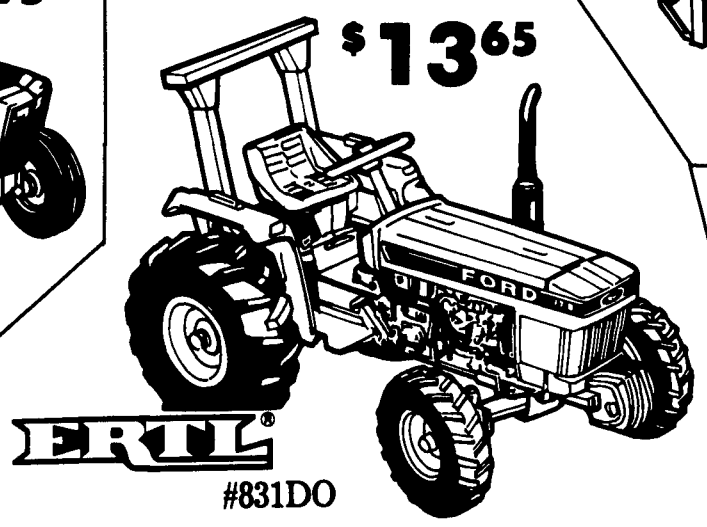

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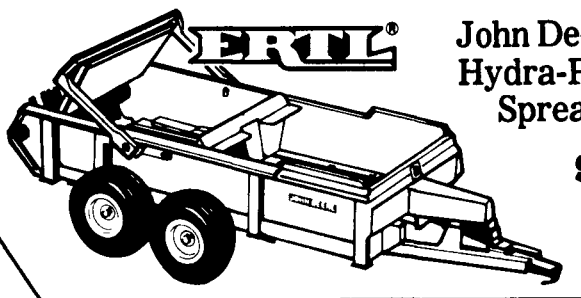

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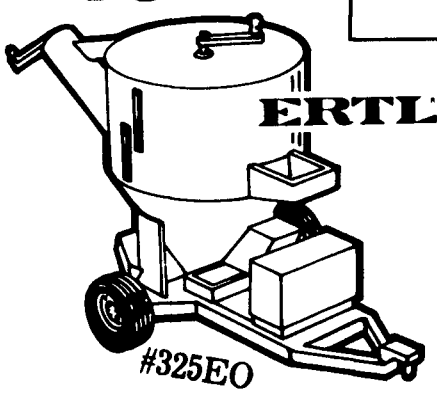

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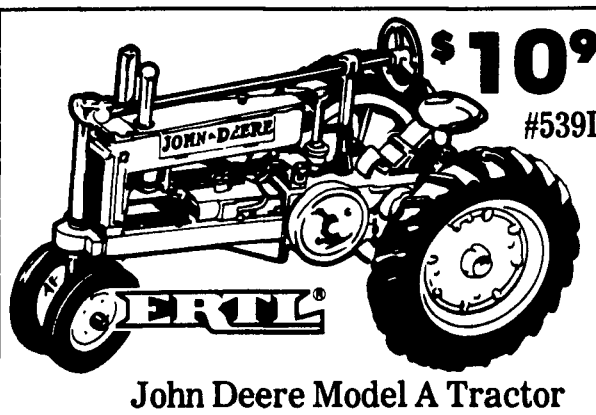

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Faith And Farming Speaker

Editor's Note:

As reported last week, the Mennonite church held a special seminar in interest of the current agricultural, financial and farm family displacement problem. Held at the Laurelville Mennonite Church Center in western Pennsylvania, the seminar was titled Faith and Farming III. Howard Brenneman, former President of the Hesston Corporation, was a keynote speaker.

In part one of the two-part series, Brenneman outlined his thoughts on where agriculture has come from and why the present crisis exists. This week in part two we report Brenneman's ideas on where agriculture is going and his answer to some of the needs of the inevitable displacement of families off the farm.

Here's Part II of "The Renaissance of North American Agriculture." Keynote address by Howard Brenneman.

There is a whole lot of land out there to lease. I tell the people coming out of ag college now is the best time to go into agricultura. I know. You couldn't possibly come out of college unless you had a rich father or a rich father in law or whatever in the '70s and get into agriculture. The premium was too high. But the premium is pretty low right now. One man's misfortune may be another guy's fortune. That's just the way life is. It's cruel. It's terrible. We have to deal with it as a church. By the way we're starting to deal with that as a church. I know the Aveys and other people are dealing with it, but we still got a long way to come in terms of how we deal with that and the whole thing of making it acceptable for people to do deal with it.

We're seeing export markets come back slightly. They are going to improve a little bit, not very much. Don't depend on exporting our way out of this thing. We're going to have to get quality improvement in our grain that we're shipping. We're going to have to ship more quality grain.

Consolidation is inevitable. I didn't say that every farm is going to be big. I didn't say every farm is going to be small. There are going to be two kinds of farmers. One that's very big, and one that may be is very small. There are not going to be very many in between. Twelve percent of the farmers now produce 67 percent of the cash receipts. Five percent of the farmers by 1990 or 1991 are going to produce 85 percent of it. You're going to see very large people. You're going to see very small people. Either way you're going to make money. But you're going to have a terrible time in between. The time a farmer putting out his corn crop and harvesting it and going to south Texas or his wheat crop and doing that probably if you have all your land paid for and all that, you're going to be able to do it.

You're going to see emergence specialized farming. I saw it in the room tonight, different specialized crops. I can tell you for sure beyond the shadow of a doubt that not everybody is going to be able to raise all the corn, soybean and wheat they want to. No way. And the quicker we break that system, the better off we're going to be because the government has no where to go with these crops. We're only fooling ourselves. All over western Europe they're doing the same thing. There is no where to go with all this milk, cheese, corn and wheat. We're going to have to figure out other crops to grow. We're going to have to beat other people in specialty crops that we're bringing in to where our imports exceeded our exports in agriculture. The reason that is all the specialty crops coming into this country that we need to produce in this country. They're going to be more labor intensive. You're going to have to do different things with your labor.

There are going to be fewer dealers. I know in your town you've seen it happen. It's going to continue to happen. They're going to go down to be where there are only 4,000 or 5,000 dealers in the United States. That's all that you can possibly support. There will be fewer manufacturers. You haven't seen all the consolidation yet. I know you've seen Ford join New Holland or New Holland join Ford. I know you've seen Case and IH. I know you've seen Versatile trying to join Deere. Stieger just joined Case and IH. You're going to see more yet. There is not room for that many big manufacturers. I'm not going to predict who is going to be the next one. The next one and some combination are going to go tegether very quickly. That's all I can tell you. It won't be long until you read more.

Something intriquing for people who are excited about agriculture and the young engineers coming out of school and the entrepreneurs, and particularly people who love to work with their hands either with the soil or equipment. There is going to be a re-emergence of a lot of small nitch companies. You're seeing it. You're going to see more of it. You know people are getting laid off in the city. General Motors doesn't need as many people. Deere doesn't need as many people. Hesston doesn't need as many people. A lot of those people are excited about agriculture. They're going to figure out in their head if we go to work and we form a venture here and we produce the specialized product for a specialized geographical part of the United States and we take out some of the middle men in this thing, we can produce a product again and have a nice little factory of 100 or 50 people or whatever. You're going to see that springing up. You're seeing spring up right now. You're going to have either the big or the small. You're going to have a lot of opportunities for young people to go into service and dealerships. Not dealerships the way we think of them today because the dealerships are going to be large. A lot of those dealers aren't handling service properly. There is going to be specialized service opportunities for your children and mine if they want to stay in agriculture. They want to really be innovative and go back to work.

But I see in a nutshell that all of the seeds are being sewed in the '80s to make the '90s very productive in agriculture. I didn't say they'd be very profitable. I didn't say you'd get rich over night in land. That may only happen once in a lifetime. If you sold right, you're rich. If you didn't, you didn't have it in the first place. I didn't say any of those things. But what I did say is that there is going to be a re-emergence of a highly productive North American agriculture. Fewer people, yes.

1936 we probably peaked in agriculture. Employment today we down to less than probably two percent of the national population very quickly.

If we once get through, and we get into our system the idea that we're going through a renaissance. When you go through a renaissance, you go through a dark age. I sure hate to see rural America and a lot of towns in western Kansas fold and all those things. But it's inevitable. Believe me, people, a lot of that was built on irrigation, on high price land and all those kind of things in western Nebraska. It's not economical. Those towns were wonderful. Those school systems were wonderful. It was a fantastic way to raise children. Tomorrow is different than yesterday. The people that set out there and hope that tomorrow is coming is back or yesterday is coming back tomorrow will die on the vine.

What we as a church need to do is have a great deal of empathy. Maybe not a great deal of sympathy. Those words are very tricky. Sympathy will not bring the situation around for people to realize what they have to deal with and all of that. In other words, for you and I to sit with them and say, "Isn't it too bad. It's terrible." You can do that for a little while when you have to do that to get through that. The next thing is empathy. Empathy is to take that person by the hand and help them readjust themselves into a future life. That is the tough part. That might even cost you out of your pocket book. Sympathy is cheap. You can go the corner coffee shop and sympathize all you want to. You need to do that. Don't get that wrong. But empathy comes with an expensive price tag. If you really empathize with the people that have been forced into this transition, many times, not of their own doing but of world circumstances, and sure some of it was by their own decisions but those decisions looked good. If you really empathize with them, then that means you have to dig into your pocket book. Or you have to dig into your personal life. You have to dig into your emotional life. You have to begin to live with them and help them get repotted. Help them face life in the future.

I am not near as positive yet about how we're working through the problems of those that are going to get displaced. I know we're doing all the right things. I know the Aveys, the Cornelsons and these kind of people are doing all the right things. But somehow we have a philosophy in the church that we built in. It was a great philosophy. But at these kind of times it doesn't serve us very well that "if you're good, you'll prosper". The reverse side of that philosophy is that if you're not good, you're not going to prosper. That isn't said, but that's felt. We have to somehow be able to get our empathy out and to quit pointing fingers and saying well if you hadn't made that decision and that decision, you wouldn't be where you're at today. If Hesston Corporation hadn't made this decision and this decision I might not be standing up here today either.

That's beside the point. What we have to do is deal with reality. Somehow we as a church are going to have to make people feel important and good and worth something even if they had a failure. Their farm failed. They didn't fail.

They have made a decision here and there that helped cause their farm to fail. Who hasn't done that. Some of us who didn't make those decisions were lucky. Some of us were prudent business people. But there is no where in the scriptures I find anywhere that says that if you do everything good, you'll prosper. And likewise your failure. Somehow we need to deal with that.

So what has to happen. Prices have to drop. Corn is the same way. Soybeans are becoming the same way. Some of that inflation that went into the land has to come out. When they told you there is only so much land so you better buy it today it's going to be higher tomorrow, somebody didn't know

(Turn to Page A25)

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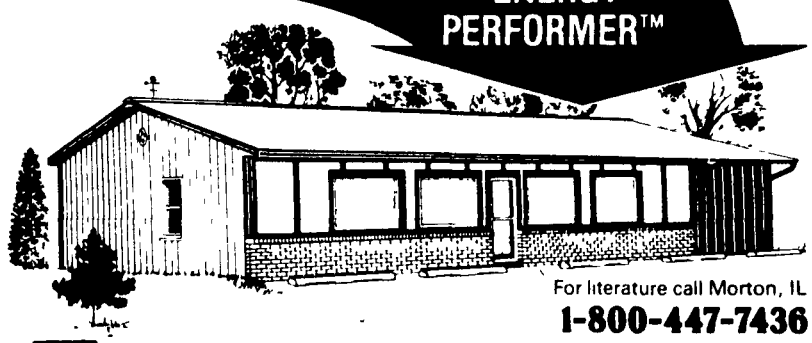

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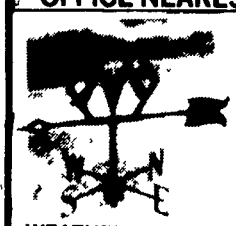

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Faith And Farming Speaker

(Continued from Page A24)

what they were talking about. When they told you gold was $800 an ounce was good and it would only go higher and now it's only $300 now, they didn't know what they were talking about. There is a law of supply and demand in economics that finally sets in. So we have a high real cost of money. I know that the prime rate is 7½ percent today, but inflation is two or three. So the real cost of money is four or five percent. So suddenly all of the interest rates are down. Your real cost of money is still high by historical standards. We still need to work down the deficit and get that interest rate down further.

We have tremendous leverage out there that was created by this. Why all at once did the banker wake up to cash flow? You know that up until about two or three years ago most bankers couldn't even spell it. All at once they couldn't roll that debt over because your land prices were going down, and you didn't have the equity. Suddenly they were not only demanding interest but also principle and it wasn't there. You know the truth of the matter is that it wasn't there in the good times. But suddenly the bankers set into a panic. I'm not very much involved with the bankers today. I know we have a lot of good Mennonite bankers. They were the ones that promoted all this thing in the '70s. Now through panic, they are not allowing an awful lot of people to work out of it in the '80s.

I can tell you there are people that can't work out of it. Those people are in a crisis. And they have to do something else. We have rural America in a crisis. But you know when things look the bleakest, you can look for a brighter future. It's here. All of the right things are being put in place today for productive agriculture in the next few years. I'm not going to say whether it's 1988, 1989, 1990. The productive agriculture that's being put in place is not going to be a lot different than the productive agriculture of the '50s and '60s except there will be a lot less people doing it because of what's happened. You can't go back and redo time. But the people that will get productive and can get productive, it's going to come around.

Costs are going down. We had in our Witchita paper today the president of the Farm Bureau in Kansas saying, "I think we bottomed out." This is the first time you've read that. The reason he's saying that is his costs are going down. We are beginning to do things that will have agriculture back productive in the 1990s. We're going to have a new look at labor versus capital. I tell people every where that I council, "For goodness sake, I sold you all that equipment in the '70s, but now you need to look at all of that equipment and decide how many horse powers you need out there on the farm. Match it up." There is labor available again. You'd be surprised. But there are a lot of people without jobs. You need to match up your capital requirements with your labor requirements and get that ratio back in line if you're going to survive in the '80s and '90s. I'm not saying that you go back to the horse and buggy or any of those things. Technology is there, and it will get better. But you'd better match it with what your requirements are.

None of you people in this room have to do this. I know that. But there are an awful lot of farmers out there including my own father who had more horsepower on the farm than he could possibly ever use during that period.

30 YEARS AGO
THIS WEEK

— Washington . . . A rise in output of both crops and livestock products to record levels in 1956-57 is enabling world agricultural production to keep pace with expanding population.

The U.S. Dept. of Agriculture reported today that world production of crops and livestock rose to a new high level — 120 percent of prewar (1935-39) — in 1956-57. The level was 118 percent in 1955-56, and 116 in 1954-55. The corresponding percentages for the Free World alone for those seasons were, respectively, 126, 125 and 122.

— Washington . . . Restaurants purchased a larger share of fruits and vegetables in frozen form than the national average for the same commodities, according to a recent sample survey of 462 restaurants conducted by the U.S. Department of Agriculture.

— Harrisburg . . . Effects of poor quality hay and ensilage produced on Pennsylvania farms under handicaps of excessive summer rains were reflected in a down-trend in milk production this November, the State Department of Agriculture said today.

— A decline in the number of layers has dropped total egg output on Pennsylvania farms during November to about one percent below the same month last year. About 300 million eggs were produced last month.

— Southern Lancaster County Farmer-Sportsmen's Association plans to increase game for the hunters. At its meeting in Quarryville Firemen's Hall, Monday evening, it was voted to purchase 500 pheasants for stocking purposes. Roy H. Weaver of Strasburg Township, will grow the pheasants.

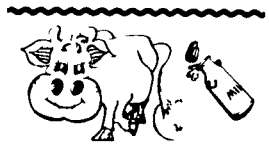
— While the average American is eating more meat than ever before — 163½ pounds per capita in 1956 — he has also been enjoying a higher standard of living. According to the National Livestock and Meat Board, which is holding its semi-annual meeting in Omaha, an hour of wage-earning time now buys as much or more meat than at any time in recent years.

HPI Sends Cows To Mexico

LITTLE ROCK, Ark. — Dairy cows that would have been used for hamburger in the United States are now on their way to producing nutritious milk for poor children in Mexico, thanks to the effort of Heifer Project International (HPI), the U.S. based, agriculture development agency. Already, families in 29 poor rural communities have received the 334 heifers distributed by HPI's Mexico office in cooperation with ten different community organizations.

Since June, Heifer Project has been collecting dairy heifers scheduled to be slaughtered under the federally sponsored Dairy Termination Program and shipping these cattle to poor families in other countries where milk is badly needed. Once there, the cattle will be used to produce milk for the families and their communities.

A total of 541 cattle saved from slaughter have been shipped in the last five months. Mexico has received a total of 495 animals, with another shipment of 300 heifers scheduled to go to Mexico in November. Poor families in Jordan have received 46 heifers and a shipment of 50 heifers is slated to go to Honduras in November.



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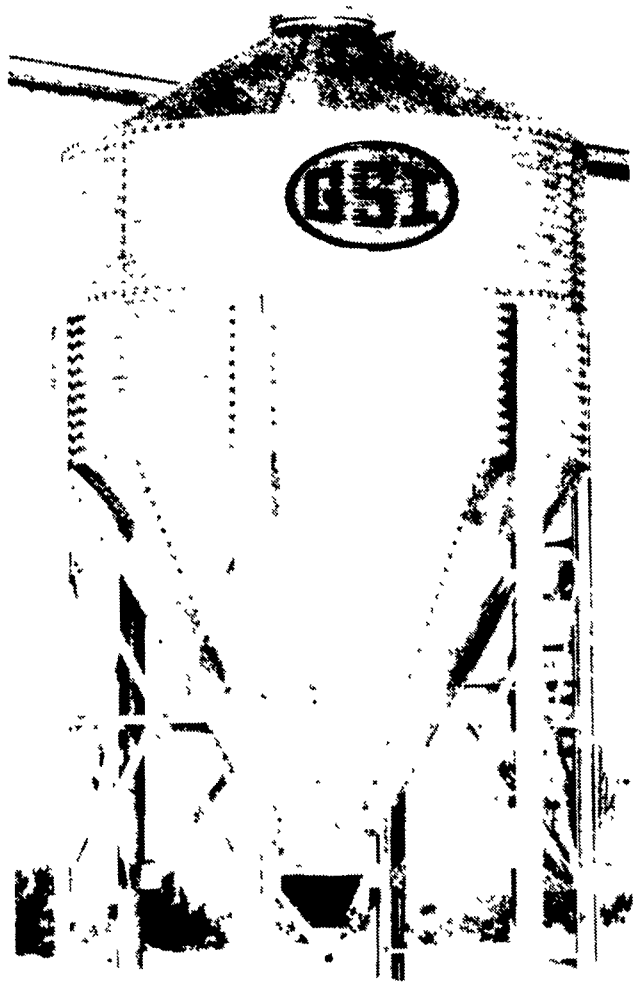

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Cooperative Directors Attend Workshop

STATE COLLEGE — Eighteen cooperative directors representing 13 cooperative organizations attended phase one of the fourth annual Pennsylvania Cooperative Director School this week here.

The program, which is cosponsored by the Pennsylvania Association of Farmer Cooperatives, Penn State University and the Pennsylvania Department of Agriculture, focuses on the roles and responsibilities of cooperative directors.

Of the 18 participants, 13 indicated that they had served less than three years on their cooperative boards. Four had officer credentials, and eight had received previous education regarding their responsibilities.

Each director is also responsible for attending a two-day session in January, which will include cooperative management representatives.

Those cooperatives and directors represented at the 1986 program follow: Agway, Vyron Chapman, Cassville, NY; Atlantic Breeders Cooperative, George Gregg, Grove City and Dwight Hawbaker, Greencastle; Central Electric Cooperative, George "Bud" Francisco, Shippensville;

DHIA, Stanley Brubaker, Westfield; Eastern Milk Producers, Timothy Bryant, Pawlet, VT and Earl Forwood, Hop Bottom; Headwaters Farm Credit, Dennis Owlett, Middlebury Center; Inter-State Milk Producers, Harry Bickel, West Chester and Sam Stoner, East Berlin;

Northeastern Farm Credit, Robert Naylor, Factoryville; Pro-Fac, Tom Croner, Berlin; Southeast Farm Credit, Paul King, Cochranville and Donald Needham, Chatham; Valley Rural Electric, Earl Parsons, Blairs Mills; West Central Farm Credit, Emil Peters, Port Matilda; and York Farm Credit, Norman Blocher, Aspers.

The Pennsylvania Association of Farmer Cooperatives is a trade association representing about 40 rural and agricultural cooperatives generating about $3.5 billion in activity in the Commonwealth each year.

Motor Information Available

UNIVERSITY PARK — If you are planning to install an electric motor on your farm, or want information on the safe use of motors, fact sheets from the cooperative extension service of The Pennsylvania State University are available.

A fact sheet on selecting and maintaining electric motors, prepared by Jon M. Carson, assistant professor of agricultural engineering, includes tables on types of single-phase motors and their uses, and a table outlining common motor troubles and appropriate repairs.

The fact sheet also includes tips on what kinds of motors to use in different situations.

A fact sheet on electric motor protection outlines safety measures motors and circuits should include.

The fact sheets are available from your cooperative extension service office, or from Carson at The Pennsylvania State University, College of Agriculture, Cooperative Extension Service, University Park, PA 16802.

Merry Christmas To All Our Readers

A Reindeer Of A Different Coat

No symbol represents the milk of human kindness better than old Saint Nick... unless that symbol happens to be a Brown Swiss calf in Santa's hat. Since the Claus was too busy this week to keep his interview appointment at Lancaster Farming's editorial office, he sent one of his emissaries, and the Swiss Miss' message was udderly clear: Have a dairy Christmas! Move over, Rudolph.

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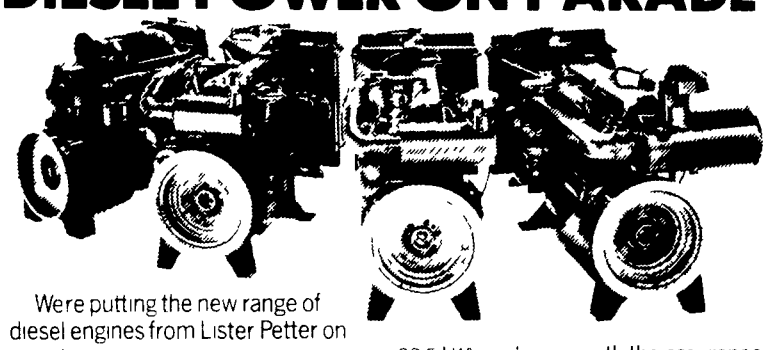

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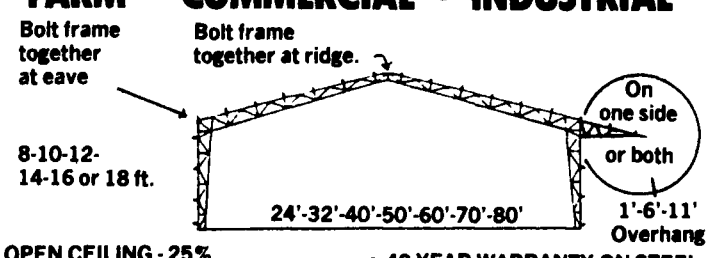

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The Christmas Season is a time to cordially express our "best wishes" to those who have been the foundation of our progress, so loyal to us, those whom we value so highly. We sincerely wish to say "thank you".

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Warehouses will be closed for the holidays. Will reopen the week of Jan. 5 with the following schedule.

Sales Schedules

All Sales Beginning At 9 A.M.
Monday, Jan. 5 - P.T.A., Intercourse
Tuesday, Jan. 6 - Garden Spot, Blue Ball
Wed., Jan. 7 - Paradise Tobacco, Paradise
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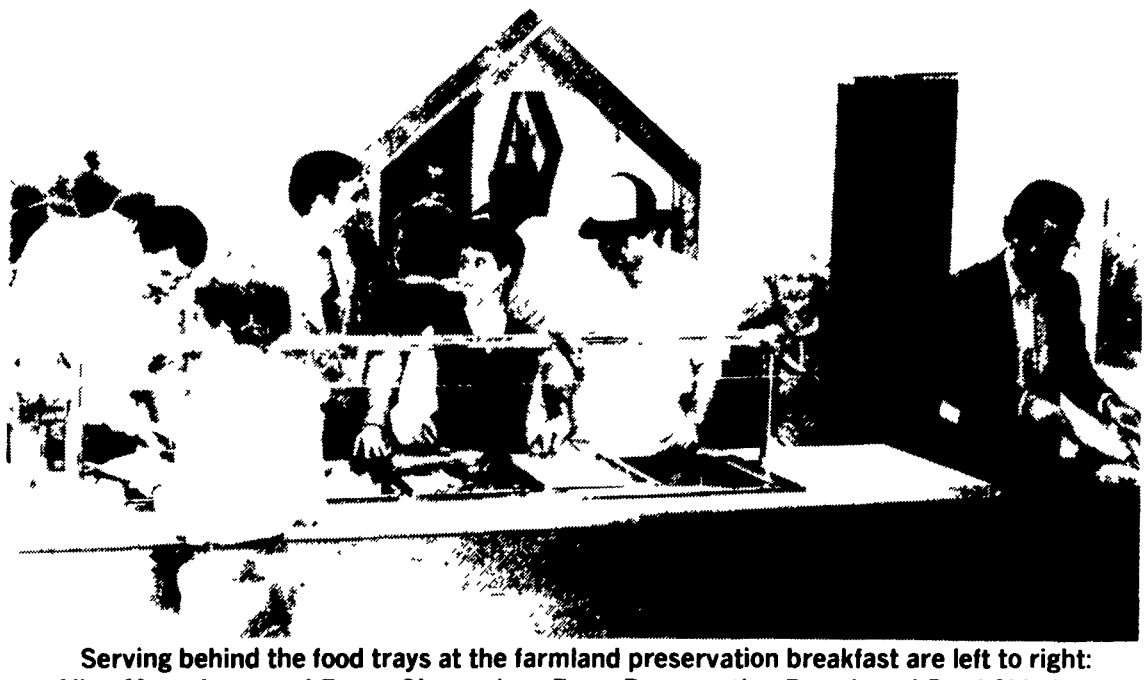

Serving behind the food trays at the farmland preservation breakfast are left to right: Allen Musselman and Bruce Shoemaker, Farm Preservation Board, and Patti Skiadas, Jay Groff, Manager, Mother Skiadas and George Skiadas, owner of Family Style Restaurant.

Breakfast Served To 768; $3,000 Raised For Farm Preservation

LANCASTER — To help preserve farmland as open space in the growing poppulation center around Lancaster, $3,000 was raised at the Farmland Preservation Breakfast held last Sunday at the Family Style Restaurant, 2323 Lincoln Highway East. Seven hundred sixty-eight people were served breakfast from 8 a.m. to 1 p.m. by the Family Style staff and all proceeds, $3,000 was donated to the worthy cause.

Officials of the project called it a very successful day. People from surrounding counties drove to the breakfast after seeing the publicity in the Farm Press.

A list of suppliers that contributed food and supplies are as follows: Kunzler & Company, Fran Kennedy, Ellis Coffee; Turkey Hill Dairy; Pappettis; Don Miller, Mennco Foods; Kegels Produce; Sky Brothers; G/L Clark Associates; B.J. Saylor; Ettline; Bob White; Hershey Foods; Lancaster County Farms; La Touraine; Singer Equipment; PYA Monarch.

Milk Price Stable In Order 2 For November

NEW YORK — Dairy farmers who supplied milk plants regulated under the New York-New Jersey marketing orders during November 1986 will be paid on the basis of a uniform price of $13.05 per hundredweight, 28.1 cents per quart; the price for the corresponding month last year was $12.30 per hundredweight.

Market Administrator Thomas A. Wilson stated that the price was $13.05 in October 1986. The uniform price is a marketwide weighted average of the value of farm milk used for fluid and manufactured dairy products.

The seasonal incentive fund returned $2,440,621.59, including $353,681.09 interest, to the dairy farmers' uniform price for November, or $.284 per hundredweight. The fund was generated by reducing the uniform price paid to producers during the high-production spring months.

A total of 15,243 dairy farmers supplied the New York-New Jersey Milk Marketing Area with 858.9 million pounds of milk during November 1986. This was a decrease of 6.4 percent, about 59 million pounds, from last year. The gross value to dairy farmers for milk deliveries was $116,364,183.13. This included differentials required to be paid to dairy farmers but not voluntary premiums or deductions authorized by the farmer.

Regulated milk dealers used 383,754,589 pounds of milk for Class I, 44.7 percent of the total. This milk is used for fluid milk products such as homogenized, flavored, low test, and skim milks. For November 1986, handlers paid $14.10 per hundredweight, 30.3 cents per quart, for Class I milk compared with $13.37 a year ago.

The balance, 475,197,479 pounds or 55.3 percent, was used to manufacture Class II products including butter, cheese, ice cream and yogurt. Handlers paid $11.97 per hundredweight for this milk.

The uniform price is based on milk containing 3.5 percent butterfat. For November 1986, there was a price differential of 17.5 cents for each one-tenth of one percent that the milk tested above or below the 3.5 percent standard.

All prices quoted are for bulk tank milk received from farms in the 201-210 mile zone from New York City.

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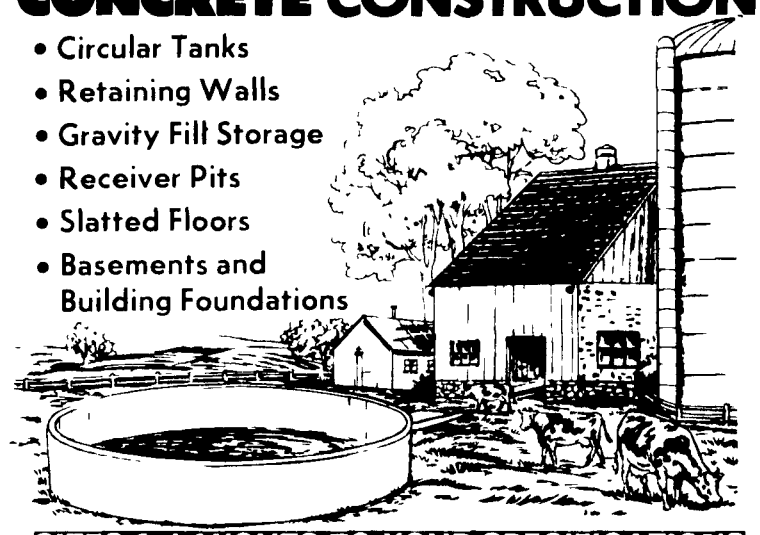

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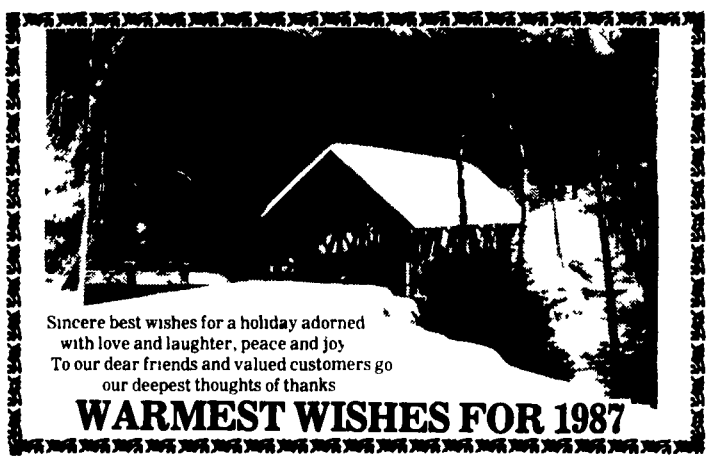

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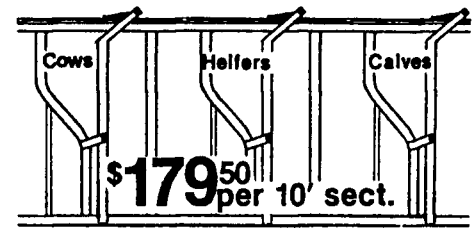

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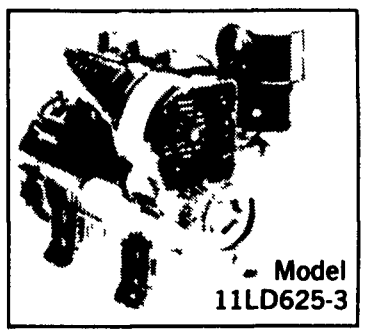

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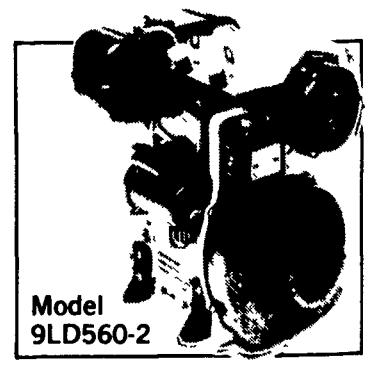

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Mandatory Supply Management: A Dairy Policy Option

Components And Implications Of A U.S. Mandatory Quota System

BY ROBERT P. STORY
Cornell University

Mandatory supply management programs involve the use of some type of production or marketing allotment or quota. The programs are mandatory because they are applied to all producers of a specified commodity and not just to those producers who individually elect to participate in such programs.

National dairy pricing programs in the United States have never included mandatory supply controls. Supply controls have been an important element in the debate that has surrounded the formulation of national dairy pricing policy. In this leaflet, the features and impacts of a national quota program are investigated.

Existing Dairy Price Programs

Price support has been the key element of dairy price policy from its beginning in the 1920s. Price support has been achieved primarily through the purchase of dairy products by the government, although voluntary supply management programs have supplemented purchase programs on several occasions.

During the 1930s, purchases of dairy products to support milk prices were very modest, exceeding one billion pounds of milk equivalent in only one year. Since 1949 purchases have been made each year to support market prices.

Market prices were maintained near support levels throughout the 1950s and 60s. Since the 1970s, market prices have deviated more (both up and down from support levels) than in the earlier periods.

Support purchases exceeded 10 billion pounds of milk equivalent in 1954, 1962, 1981, 1982, 1983 and 1985. These peaks in support purchases triggered legislation that modified the dairy support program and stimulated debate of alternatives to the program.

Mandatory supply management was an important element in the debate following each peak in support purchases, particularly in the 1960s and 1980s.

Features of a Mandatory Supply Management Program

A mandatory supply management program is a production control program in which all dairy farmers would be assigned a base, and there would be a substantial *penalty* price for marketings of over-base milk. Federal legislation would be necessary to adopt such a plan.

Neither states nor dairy cooperatives have the ability to address the national supply-demand-price issue with their own versions of base plans.

There are two fundamental purposes that a national quota program would be directed to achieving: to balance supply and demand, and if possible, at a price level high enough to permit average dairy farmers to enjoy a satisfactory level of living; and to permit dairy farmers to hold onto their individual share of the total milk market and not have the expansion of other dairy farmers reduce the price level and dilute their market share.

Supply management has a solid economic foundation, geared to the principle that the demand for some dairy products (particularly fluid milk products) is price inelastic. That is, consumers do not respond in any substantial measure to whether prices go up or down — they still will purchase close to the same amount of dairy products.

By restricting supply, milk prices can be increased, and yet demand will not be adversely affected in any major way. The net results is higher producer income.

Mandatory supply management could reduce the costs of the current price support program and alleviate problems of storage and disposition of dairy products. Given probable program costs and budget restraints, mandatory quotas may receive greater consideration in the future.

Most features of the current price support program would be continued with a quota program. A target price would need to be established each year and a purchase program for dairy products would continue to be necessary. Distribution programs would be needed to utilize dairy products that were acquired under the program.

Other additions to the current program would include:

- Procedures for establishing a national quota and for allocating the national quota to individual dairy farmers.
- An over-quota price and procedures for determining it would need to be established.
- Rules for transferring and reallocating quotas would be needed.

These features of a quota program could be accomplished in a variety of ways. The details of these features would affect the effectiveness and the impact of the program. The following illustrates how these features might be determined.

Establishment of Quotas

A national milk quota might be determined by estimating the total commercial demand for milk and adding the quantity of milk needed for domestic and international distribution programs. A reserve might be added to this total.

The national quota might be allocated to individual producers by relating it to the quantity of milk marketed by farmers in a designated base period. This base might be a 12-month period or the annual average of a longer period. If the annual national quota was 90 percent of total marketings by producers in the base period, the quota allocated to individual producers would be 90 percent of each producer's marketings during the base period.

The national quotas could be reduced gradually over a period of years from near the base period level to a level that would balance milk supplied closely with total market needs. Gradual reduction would increase program costs.

Over-Quota Prices

For the program to be effective in curbing the expansion of milk production or cutting it back, the over-quota price would need to be low enough to discourage over-quota production. A low over-quota price would be needed to finance the purchase and disposition of dairy products associated with over-quota milk.

The penalty for over-quota milk in the EC program is 75 percent of the target price.

Under the Canadian program, the over-quota price was only 11 percent of the quota price for the 1985-86 marketing year.

Quota Transfer Rules

Quotas could be freely transferable or saleable with or without geographic limitations.

Transfer could be highly restricted as in the EC program where transfer of quotas is permitted only when a farm is sold, leased or transferred by inheritance. Sale or lease of annual quota rights might be permitted without authorizing the sale of quotas themselves.

A wide difference between quota and over-quota price would give quotas or annual quota rights significant value if they were saleable. Both the Canadian and EC programs take back a portion of the quota whenever quotas are transferred.

The acquired quota could be allocated to new or existing farms to facilitate expansion.

Quota rules could require producers to fulfill a specified percentage of their quotas monthly. If they failed to do so the unfilled quota could be taken from them and transferred to other producers.

Permitting the sale of annual quota rights would help to insure that the national quota would be filled each year and would serve to limit over-quota sales.

Impacts of Mandatory Supply Management

The impacts of a quota program would depend importantly on the details of the program and whether it was temporary or permanent. Since a specific program has not been proposed, only general observations can be made about the impacts of a quota program at this time.

Use of quotas could maintain milk supplies in closer balance with demand over time. More particularly, the periodic large surpluses that have characterized the dairy industry could be avoided.

Government program costs could be reduced in part by shifting these costs to milk producers through assessments and to consumers through higher prices for milk/dairy products.

If transfer of bases were restricted, existing resource patterns would be frozen, innovation retarded and productivity gains limited. This would not be a serious problem if the program was temporary and used to eliminate an existing surplus problem.

Quotas would have little market value under these circumstances

(Turn to Page A30)

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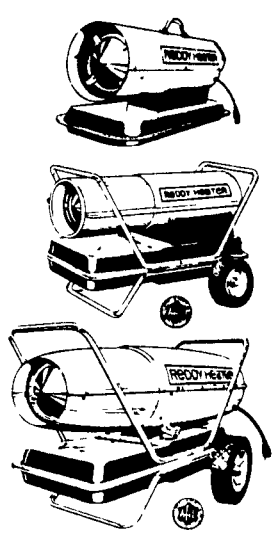
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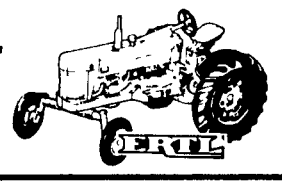

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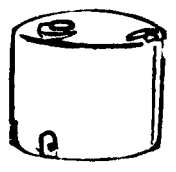
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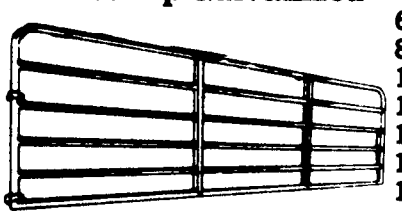
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Support Price Drop To Have No Net Effect On Dairymen

UNIVERSITY PARK — On Jan. 1, 1987, the milk support price will be cut by 25 cents. Yet, dairymen will not notice the drop due to a strong Minnesota-Wisconsin price which registered 60 cents over the $11.31 milk support price in November, according to Jack Kirkland, Penn State dairy marketing specialist.

He added that the M-W price for November 1986 of $11.91 was up 6.5 percent from the November 1985 level of $11.19. The all-milk wholesale price in Pennsylvania registered a similar jump from $12.47 per hundredweight in November 1985 to $13.28 in November 1986.

The milk/feed ratio, a measure of how well dairymen are doing, reached 1.75 for Pennsylvania dairymen for the quarter ending in November. The breakeven point, or no profit, ranks at 1.3, according to recently released USDA statistics.

This ratio is calculated based on an average price of 16 percent dairy ration in the Northeast state and the all-milk price in Pennsylvania, Kirkland explained. "Dairymen should be doing pretty well," he noted.

Milk prices in the three Federal Orders covering Pennsylvania increased as a result of continued decreases in production and increased Class 1 utilization, the Penn State economist noted.

In Federal Order 2, dairymen received $14.10, before assessments, per hundredweight of milk in November 1986 compared to $13.37 in November 1985. Class 2 sold for $11.97 per hundredweight this year as compared to $11.25 per hundredweight last year. The blend price increased by 75 cents from last year's mark of $12.30. Class 1 utilization in the New York-New Jersey Order increased by 1.7 percent over the November 1985 rate of 43 percent, Kirkland said.

However, for the same period in Federal Order 4, Class 1 utilization decreased from 48.5 in November 1985 to 48.2 percent in November 1986. This figure dropped significantly from the October 1986 Class 1 utilization of 53 percent.

"This is the first time in several months that the utilization has been lower than the previous year's," Kirkland said. He added that the decrease from 1985 to 1986 was not significant.

Prices in Federal Order 4 continued the upward trend of previous months. The Class 1 price increased from $13.88 in November 1985 to $14.56 in November 1986. Dairymen experienced an increase of 77 cents for Class 2 milk and the blend price rose from $12.57 to $13.28 for the same period.

Dairymen in Federal Order 36 received an increase of 53 cents for Class 1 milk from November 1985 to November 1986; for Class 2 and 3 milk, prices jumped from $11.19 to $11.91. The blend price in the Order increased by 63 cents for the same period. Class 1 utilization increased by slightly over 1 percent to 58.5 percent in November 1986.

Cull cow prices registered an increase from $32.80 per hundredweight in November 1985 to $35 in November 1986, an increase of 6.7 percent, Kirkland said.

Total milk production in the 21 major dairy states, which produce 85 percent of the milk in the country, recorded a milk production of 9.5 billion pounds in November 1986 compared to 9.8 billion pounds in November 1985 for a 3.4 percent decrease in production.

In the reporting states, the number of cows fell from 9.3 million last year to 8.9 million this year for a 4.4 percent drop. However, production per cow increased by 10 pounds from the previous year for an average of 1,058 pounds this year. This average is also down from the October 1986 production of 1,099 pounds per cow.

Pennsylvania recorded a 2.3 percent drop in total milk production for the same period, Kirkland reported. The number of milk cows in the state dropped from 745,000 in November 1985 to 735,000 in November 1986. This number remained constant from October 1986. Production per cow in Pennsylvania decreased from 1,130 pounds in 1985 to 1,120 pounds in 1986, he noted.

"In December we'll see even lower production which will carry through the year as more animals go off the market in the buyout program," Kirkland said. With the decreasing number of cows, there will be fewer calves and replacements in two years. This will result in a decreased potential to expand, he noted.

Kirkland speculated that few dairymen in the East will be willing to take on more debt even though milk prices are favorable. Pennsylvania dairymen are also reaching their limits in the number of cows they can add economically. In the Northeast, production will not increase, but the decrease will be slowed, he added.

Mandatory Supply Management

(Continued from Page A29)

even though the over-quota penalty is large.

If quotas were freely transferable or saleable and the program was not temporary, the quota would have considerable value, particularly if the penalty for over-quota milk was large.

The annual value of the quota would be capitalized over future years under these circumstances. The value of the national quota under the Canadian program in 1983 was estimated at more than $2,800 per cow.

If there were equally profitable alternative uses of the dairy farm, the quota could be sold separately from the farm without subtracting from the sale value of the farm. If profitable alternative uses of a dairy farm were limited, the sale of the quota separately from the farm would subtract an almost equal amount from the value of the farm.

Therefore, in some cases, the sale of quotas would result in a large windfall to the seller but in other cases it would not. The incentive to sell quota separate from the farm would be greater in areas with profitable alternatives to dairy farming.

November Order 4 Milk Set At $13.30

ALEXANDRIA, Va. — Middle Atlantic Order Market Administrator Joseph D. Shine announced a November 1986 base milk price of $13.30 per hundredweight and an excess milk price of $11.89.

The weighted average November price was $13.28 and the butterfat differential for the month was 17.5 cents. The base milk price was up 10 cents from October and was 65 cents higher than last November. The weighted average price was up 10 cents from October and was 71 cents higher than a year earlier.

The gross value of November producer milk was $67.6 million, compared to $64.3 million a year ago.

Shine said that producer receipts totaled 511.0 million pounds during November, a decrease of 1.7 million pounds from last November, and the average daily delivery of 2,620 pounds per producer increased 63 pounds or 2.5 percent from a year earlier.

Class I producer milk totaled 246.3 million pounds and was down 2.3 million pounds or 0.9 percent from last November.

Class I milk accounted for 48.21 percent of total producer milk receipts during the month, compared with 48.49 percent in November 1985.

Base milk accounted for 91.58 percent of total producer milk receipts in November compared with 88.11 percent last year. The average butterfat test of producer milk was 3.84 percent, up from 3.76 percent last November.

Middle Atlantic Order pool handlers reported Class I in-area milk sales of 205.0 million pounds during November.

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Crawford County Holstein Banquet Held

BY NANCY KUNICK
Crawford Co. Correspondent

COCHRANTON — The Crawford County Holstein breeders recently held their annual banquet here at Dante's Restaurant.

Fame came to two of Crawford County's Holstein Club members this year at the state Holstein meeting in Pittsburgh. Marion Alsdorf and Jack Rynd were recognized at the county banquet for their induction into the Pennsylvania Holstein Association's Hall of Fame.

Alsdorf has farmed near Spartansburg since high school graduation in 1935. He is in partnership presently with his two sons, Joel and Jerry, and son-in-law Mark Bachman. He has bred over 30 Excellent cows. At their farm, A-Jay Farms, they milk 120 Holsteins.

Rynd is located in Cochranton with three sons and has also developed 30 Excellent Holsteins over a 30 year period. Presently, Rynd-Home Farm milks 130 registered Holsteins.

President Jeff Raney read a report from treasurer Thomas Wilson. In his report Wilson noted that the Winter Holiday Sale sponsored by the club on Nov. 15 was a success and it "net the club $2,200 and will put the club in good financial position in 1987."

Pennsylvania Holstein Association President Arthur Baxter of Mercer County updated members on the activities at the state level.

Jeff Harding from the state office reported on the upcoming state convention in February. He noted that selections will begin soon for the convention sale. The Brazil project is going to get off the ground with the next week or so, he added.

Marsha Anthony received the distinguished junior member award for 15 years and over category. Rodney Donovan won the award for the 15 years and under category.

Junior members receiving owner-breeder awards were: James Custead, junior calf; Julie Custead, senior calf; David Black, summer yearling; Jamie Holler, senior yearling; Leslie Pegan, senior yearling and dry cow; Don Closky, junior 2 year old; Kevin Field, senior 2 year old; and Lee Livingston, 5 year old.

Mark and Melanie Bachman, coaches for the county dairy judging team, recognized the team members: Jamie Holler, Jenny Dickey, Jim Oakes and Marsha Anthony. Marsha Anthony was announced as the high individual on the team. She placed in the top 25 at State Days.

Incumbent directors re-elected include: Dan Dickey, Don Closky and Richard Pegan.

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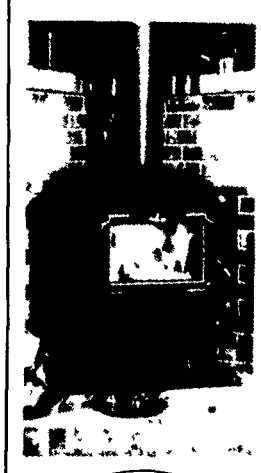

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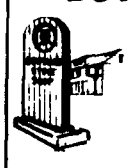

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Dairy Board Appoints Committee To Study Single Promotion Structure

ARLINGTON, Va. — The National Dairy Promotion and Research Board has appointed a Committee to discuss the development of a single national dairy promotion structure with the National Milk Producers Federation Committee. The action was taken during the Board's Dec. 5 meeting in Las Vegas, NV.

Other action taken at the Board meeting included the approval of:

• Four new television commercials for the 1986/1987 calcium campaign.

The new television effort, aimed at women aged 25 to 64, contains a stronger message than the two previous campaigns. The commercials are more product specific and inform consumers of the calcium content of various dairy products.

The two 30-second and two 15-second spots tagged "What Could Be Simpler?" are expected to begin to appear on network television in January.

• Production and additional research on a "back-up" cheese commercial.

The new cheese campaign will contain a more focused nutritional message than the current variety/versatility messages currently on the air. Tests will be conducted on the finished commercials to determine the effect of the new message on consumers.

At a later date, the Board will consider if additional testing should be scheduled to determine whether the new campaign should replace the existing cheese advertising. In the meantime, the NDB will monitor market testing and other indications to gauge the effectiveness of the cheese commercials currently on the air.

• The elements of the 1987 ice cream advertising campaign.

The "Taste Summer" commercial aired in 1986 will be used as the basis of the 1987 effort. This 30-second commercial will be supported by the production of a new 15-second spot.

The Board also approved the $4.9 million media plan outlined to support the campaign.

• New nutrition/biomedical research projects.

A total of $805,683 was allotted to 14 new nutrition/biomedical research projects. The research primarily focuses on the role of calcium, with lactose tolerance identified as a new area of exploration.

The funding for 29 continuing nutrition research projects was approved by the Board in October. This brings the total 1987 commitment to nutrition/biomedical research to $3.86 million for 43 projects.

• New product research projects.

Funding in the amount of $402,193 was allocated to five new product research projects for 1987.

Four of these projects were selected from a group of 10 recommended by the Board's Science Advisory Committee.

Two of these, considered high priority projects, were submitted by Larry L. McKay, Ph.D., University of Minnesota and Todd R. Klaenhammer, Ph.D., North Carolina State University. Both investigators are top researchers in the field of biotechnology as it relates to the genetic engineering of microorganisms significant to the dairy industry.

The additional project, on listeria, will be funded jointly by the Board and the Milk Industry Foundation.

To date, the Board is funding a total of 55 product research projects, 16 of which have been approved for funding since the beginning of the present fiscal year at a cost of $1.1 million.

• Audit report.

The Board received a report on the completion of an audit survey of responsible persons in Pennsylvania.

The survey included on-site audits to ensure the accuracy of milk marketings and state/regional promotion credits claimed in reports to the Board.

The Board periodically conducts audit surveys when it determines they are necessary to supplement the audit services provided by the U.S. Department of Agriculture. These surveys are conducted by auditors experienced in milk handler audits.

The audited individuals represent a portion of the responsible parties who produce the 16 to 18 percent of all milk which is not regulated by federal milk marketing orders or the California state marketing order. Prior surveys had included audits of handlers in North Carolina, South Carolina and Wisconsin.

Courter Herd Completes Fifth Year On Top In Clinton County

LOCK HAVEN — For the fifth year in a row, Paul L. Courter of Mill Hall R.D. 2, has won the Clinton Dairy Herd Improvement Association award for having the highest producing herd in the county. His 88 registered Holsteins averaged 19,264 pounds of milk and 707 pounds of fat in the past testing year. The award was presented at the 47th annual meeting held recently at the Nittany Grange Hall.

Other herds averaging over 600 pounds of fat were: Richard L. Schenck, Mill Hall, 675; Ronald H. Meyer, Loganton, 667; Tom and Grace Nicholas, Loganton, 661; Blair and Elaine Courter, Mill Hall, 644; Ward and Keith Carson, Jersey Shore, 626; Anthony and Caroline Graine, Mill Hall, 623; Harold Muthler, Loganton, 607; and Leslie B. Irvin, Beech Creek, 604.

The award for most improvement in milk production during the past year was won by Philip Hamner, Jersey Shore, whose herd averaged 17,946 pounds of milk and 582 pounds of fat which was an increase of 3,589 pounds of milk.

Long Lane Farm, Mill Hall, received the award for most improvement in fat production with an increase of 101 pounds.

An award for the cow producing the most milk and fat during the year in 305 days was won by Anthony and Caroline Graine, Mill Hall.

The 4-year-Holstein named Bunny produced 27,822 pounds of milk and 979 pounds of fat. Other top cows were: "Princess" owned by Richard L. Schenck, 25,665 milk, 929 fat; "Pat" owned by Paul L. Courter, 22,908 milk, 900 fat; and "#20" owned by Ronald H. Meyer, 21,996 milk, 893 fat.

During the 1985-86 test year 81 cows completed lifetime production records of a minimum 100,000 pounds of milk or 4,000 pounds of fat.

The top cows in Lifetime production are: "Lucky" owned by Paul Courter, 212,209 milk, 8,729 fat; "Pansy 2" owned by Paul Courter, 215,039 milk, 7,917 fat; "Katie" owned by Blair and Elaine Courter, 190,273 milk, 7,147 fat; and "Blacky" owned by Paul Courter, 190,554 milk, 6,977 fat.

DHIA Supervisors for Clinton County are: John Parks, Howard; Tom Fox, Mackeyville; and Ron Rishel, Rebersburg.

Directors of the Clinton County DHIA are: Paul L. Courter, Mill Hall; Robert Billman, Beech Creek; James Muthler, Howard; Terry Dickey, McElhattan; and Ronald Meyer, Loganton.

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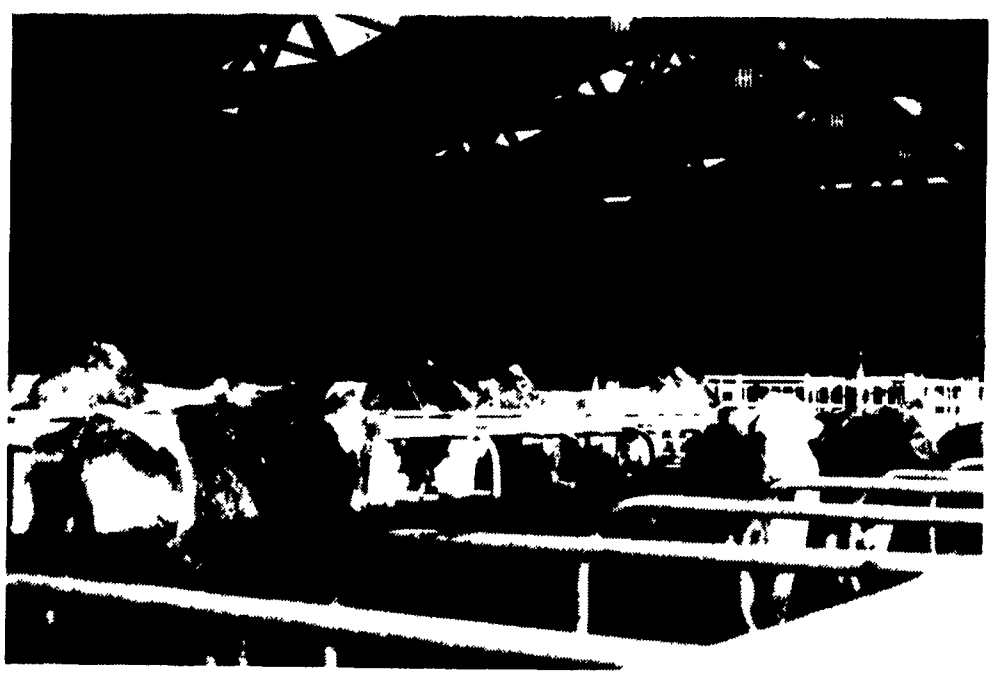

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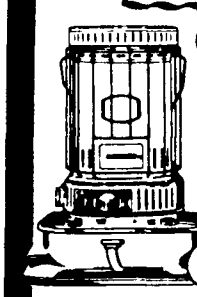

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Major Dairy Sales And Dispersals Nationwide

Reports from three sales for the week of Dec. 8 to 15 showed 159 lots averaging $2,108.63. The top prices at the sales ranged from $19,500 to $4,500. Here is a brief look at the results of these sales.

HOLSTEIN

The SIMONSDALE FARMS COMPLETE DISPERSAL held in Indiana averaged $2,387 on 80 head which includes young calves.

The top price of the sale, $19,500, came on a 3-year-old Valiant daughter. Classified EX-90 EX-MS, she tested negative for leucosis and blue tongue. In her first lactation she produced over 1,000 pounds of fat.

Her dam, sired by Citation R Maple, classified EX-93 with a best effort of 26,000 pounds of milk and 1,211 pounds of fat for a 4.6 test. The next dam scored an EX-91 3E rating and produced a top record of 1,200 pounds of fat.

A 5-year-old maternal sister to the sale topper sold for the second best price of $15,300. Sired by Elevation, she sold open and ready to be flushed. In a flush last year, the owners netted 23 pregnancies from this cow. She produced a top record of 26,490 pounds of milk and 1,243 pounds of fat.

Price and Leffler managed the sale with Merv Leffler serving as auctioneer.

Owner Thomas Simons said, "We can say very comfortably that we made a smart business move. Now we are looking forward to new challenges but they won't be in Holsteins." The Simons decided in August to hold a complete dispersal when their son accepted employment outside of agriculture and when the new tax laws were announced. Simons added they will continue grain farming.

The STAR SEARCH 87 CONVENTION CLASSIC held in conjunction with the Illinois annual convention averaged $1,750 on 19 lots.

Topping the sale was a first choice bull due in December. Sired by Walkway Chief Mark, the bull sold for $4,500.

The dam, a VG-88 Valiant daughter, produced a top record of 25,580 pounds of milk and 880 pounds of fat with a 3.5 test in 365 days. Her cow index stands at plus 1,314 milk, plus 53 fat, plus $165 and plus $160 cheese yield with a CTPI of 725.

The next dam, The Steinhauers Elevation Dee EX-92 4E, produced a best effort of 31,415 pounds of milk and 1,215 pounds of fat with a 3.9 test. She owns a cow index of plus 593 milk and plus 35 fat with a CTPI of 569.

A bid of $3,850, for the first choice female of the same flush and due in December, ranked as the second high price of the sale.

Sale manager and auctioneer, Rodney Drendel, noted that it was a visual sale, no live animals were present. The sale featured the pick of litters and frozen embryos. This is one of the first sales to include a number of frozen embryos lots, groups of embryos from one donor cow but not necessarily from the same sire. No guarentees were attached to the embryo sales.

Buyers came from Illinois, Wisconsin, Iowa and Alabama.

The QUEBEC BEERWORT ET OPPORTUNITY SALE held in Canada averaged $2,188.90 in American dollars on 60 head. A bid of $3,3.2/ in American dollars topped the sale. A 4-year-old sired by Citation Mark netted the high bid. Classified Excellent, Canadian, her best complete record stands at 18,415 pounds of milk and 631 pounds of fat.

This show cow received the nomination for All-Canada and All-American 4 year old. She stood second in the 4 year old class at the World Dairy Expo.

Her dam, sired by Beecher Misty Shamrock Eric, produced a best effort of 19,539 pounds of milk and 571 pounds of fat. The next dam classified Excellent and the third dam classified Very Good.

The second best price of the sale, $7,234.50 in American dollars, came on a 3 year old by Elevation. Classified VG-86, Canadian, she sold on her showring potential, David Crack, sale manager and auctioneer, noted. In her first lactation she produced a record of 12,412 pounds of milk and 547 pounds of fat with a 4.4 test.

Her dam, Excellent, Canadian, produced a top record of 20,968 pounds of milk and 847 pounds of fat. The second dam classified Very Good three star.

Crack noted that most of the show animals sold to buyers in the United States.

NATIONAL DAIRY COW SALE INDEX

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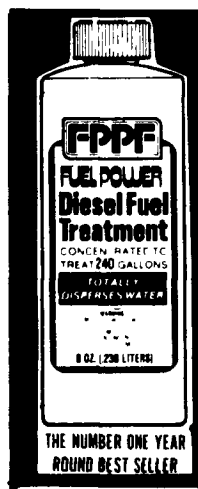
This sale index can help dairymen place a value on the dairy cows in their own herds. Breed organization sales and private dispersal sales reported in Lancaster Farming are included in the dollar averages.

	Ayrshire	Brown Swiss	Guernsey	Jersey
Year to date:				
Nation	889	1101	1141	960
Pennsylvania	832	950	569	1019
Four previous weeks:				
Nation	1390	1436	—	1481
Four previous weeks +/-year to date:	501 higher	335 higher	—	521 higher

	Holstein	Red and White	Milking Shorthorn
Year to date:			
Nation	2097	1825	850
Pennsylvania	2006	2837	922
Four previous weeks:			
Nation	2678	—	—
Four previous weeks +/- year to date:	581 higher	—	—



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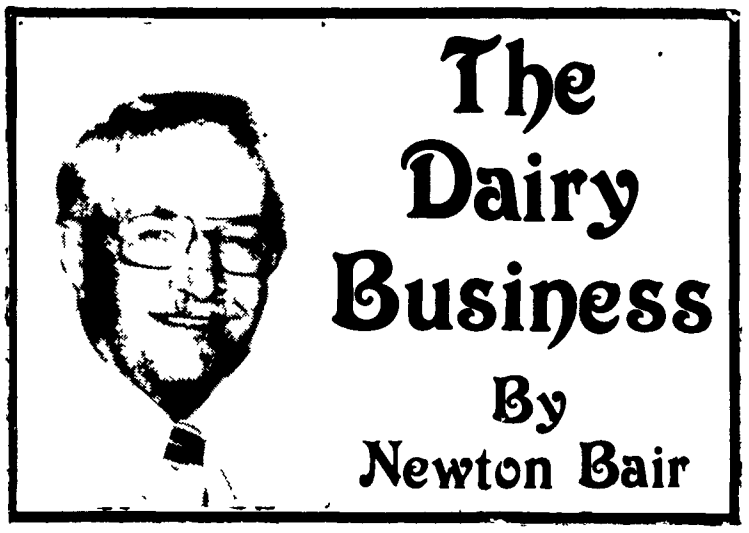

The Dairy Business

By Newton Bair

The Great Christmas Tree Hunt

Hickory Grove School was the usual one-room brick structure, situated at the cross roads of Limekiln and Spanglers Mill roads. Both roads were only packed mud, bumpy and dusty when dry, slimy and rutted in the rain. Five or six families lived along each of these radii of a two mile circle with the schoolhouse in the center. Our farm was exactly one mile east, on Limekiln road. Everybody walked to school, except on a few memorable occasions.

One of those never-to-be-forgotten times was just before a long ago Christmas, and this was the day the bigger boys were to find a tree for the school's Christmas program. It was imperative that I didn't miss that day, for wasn't I the one that knew where to find a suitable tree? And what better way to get excused from classes with the teacher's blessing?

Just the day before, the road to school was hopelessly blocked by drifted snow, navigable only by Pete and Henner, the farm mules which Papa grudgingly allowed me and my brother Danny to ride that day. Even the mules had to take to the fields occasionally, when the narrow road cuts got too deep with snow. Nobody minded the trespassing for everyone did it when the occasion demanded. Sometimes the tracks remained visible in the field long after the snow was forgotten.

The teacher was Miss somebody, (all my Grammer school teachers except one was a 'Miss'), who seldom let the bigger boys out of her sight except to do or get something that she couldn't.

She boarded at the Snyder farm across the road from the schoolhouse, so bad weather did not bother her. Since the day was crisp but cloudy after the snowfall, she didn't mind giving us the afternoon off to find a tree for the Christmas program next week. It was probably a relief to have us out of sight for a while, and besides, what mischief could we get into anyway, with two feet of snow on the ground and the Holiday coming up?

The snow did slow us down considerably, so we knew we were in for a long afternoon. No use hurrying, we would time ourselves to get back just as school was dismissed.

We headed straight (so we thought) for the patch of Pines in the woods behind the old Moser farm. There should be some first rate trees up there, for that's where the delegation of older boys had gotten last year's tree.

The trouble was, with two feet of new fallen snow, many slightly familiar landmarks were wiped out. They became less and less familiar as time passed, and finally there was nothing but black leafless trunks to be seen, and all sense of direction was obliterated.

Our feet got colder by the minute, and still no Pine trees. Nobody had a watch, but we knew it was getting late by the ominous darkness creeping over the woods. We were all a little scared, although nobody admitted it even to himself.

In desperation, someone thought of climbing a scrubby birch tree to have a better look. In a low thicket several hundred yards in the wrong direction, he spotted a grove of sorry looking cedars, bent low to the ground and hidden by snow. With no pines in sight, a cedar would have to do.

With the biggest, but not the best cedar tree we could find balanced between us, we struggled in the general direction of the schoolhouse, which seemed by this time to be miles away.

Getting heavier with every step, the tree was easier to manage by dragging instead of lifting, so that by the time we reached the schoolhouse, well after dark, the tree was flat and bald on one side.

We would be in for a lot of ridicule anyway, for the tree was a sorry specimen to begin with. It didn't matter much, for we were exhausted, discouraged, and a little bit frightened because we were all late for the evening chores.

Hickory Grove had a Christmas tree, but that was the last of the free-tree hunts ever allowed.

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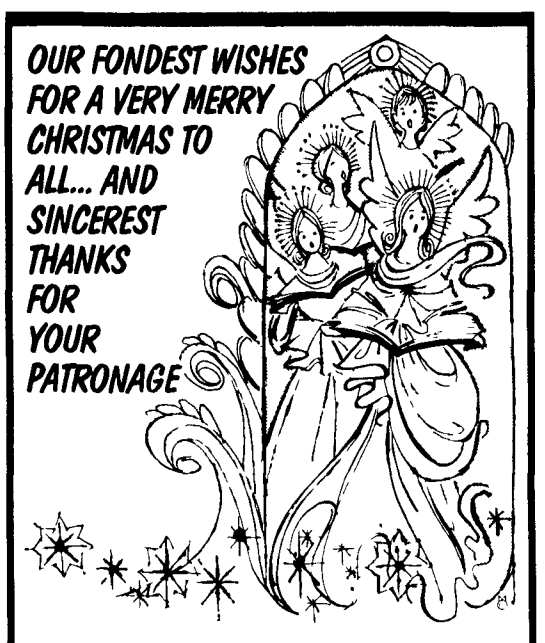

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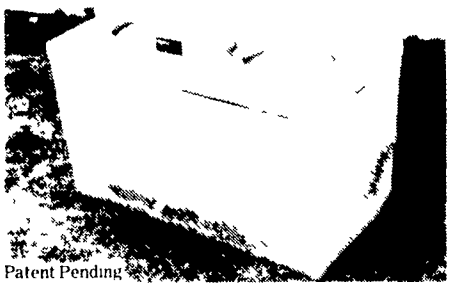

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NFO Proposes Changes In Farm Bill To Save Dairy Farms

CORNING, Iowa – Because of the severe financial pressure facing dairy farmers, the National Farmers Organization has called for two immediate changes in the present dairy legislation under the 1985 Farm Bill.

NFO delegates, at the organization's 31st annual convention in Nashville, Tenn., proposed the following changes to improve prices for dairy farmers nationwide. Immediate discontinuation of the assessment on dairy producers to fund the dairy termination program; and elimination of the scheduled drop in price supports, which is scheduled to begin Jan. 1, 1987. The organization strongly opposes the first 25-cent cut as well as any additional cuts which may be made during the year.

"Pending new and more desirable legislation, immediate changes are necessary in present dairy legislation," NFO Dairy Director Al Scott emphasized. "More dairy farmers have sold out because of financial difficulties than the total number who sold out during the dairy termination program.

"With reduction in supply of milk far above expected levels, the affects of further price cuts would only be harmful to farmers, the dairy industry and to consumers," he concluded.

Given these circumstances in the dairy industry and the severe financial stress facing dairy farmers, NFO has proposed these immediate changes as well as the implementation of a three-prong payment schedule to dairy producers in Minnesota and Wisconsin beginning in February. As of Feb. 1, 1987, the organization will pay its dairy producers in these states three times per month instead of the traditional two times per month established by the dairy industry. The payment schedule is expected to be expanded to other states in upcoming months.

"We are certain that if enough dairy producers participate with us, we can effect a permanent change in the dairy payment schedule," Scott asserted. "We ask all dairy producers to consider our efforts to raise prices and to ship with us to make this necessary change in the dairy industry. We also ask producers to write or call their dairy plants and legislators supporting these changes to improve price levels for all farmers."

Northeast Cooperative Members Join Bargaining Cooperative

SYRACUSE, N.Y. – Members of Middlebury Cooperative Milk Producers Association of Middlebury Center, Pennsylvania have recently reorganized and have joined United Dairy Cooperative Services division of NEDCO for assistance in improved marketing of their milk and market wide services. Several of their members will be shipping to Dietrich's Milk Products, Inc. plant in Middlebury Center. United has been able to increase the producer pay price above the minimum allowed by the Federal Milk Market Order, the price usually paid to dairy farmers.

Producer premiums, bonus program for maintaining constant year round production, and most favorable hauling rates and programs initiated by United to improve dairy farmer's income.

United's President James G. Patsos stated that we are pleased with the confidence exhibited by Middlebury Cooperative members in joining our growing organization. United Dairy Cooperative Services is a bargaining cooperative whose main interest is to provide the best opportunities available for marketing their member's milk without being burdened with plants and equipment that may prove costly to their members.

Cold Weather Procedures For AI

BY MICHAEL L. O'CONNOR

Cold weather is finally with us and it is time to provide some extra care when preparing semen for insemination. After semen is thawed, precautions should be taken to prevent thermal damage.

Cold shock is the permanent injury to sperm caused by a sudden decrease in semen temperature after thawing. This can occur during preparation of the inseminating device or during travel to the cow. Consider the following precautions.

- Make sure the animal to be bred is restrained before thawing the semen.
- If cattle are restrained and inseminated outside or in an open environment during the warmer months then it may be advisable to provide a protected and possibly a heated area for AI work. If you are uncomfortable as an inseminator the chances of making an insemination error will increase.
- Check the temperature of the thaw water immediately before removing the straw from the bank.
- Warm the insemination rod and sheath to body temperature (do not use water for this purpose).
- Handle the thawed semen and prepare the rod in a warm environment.
- Wrap the assembled rod in a clean, dry paper towel and tuck it within your protective clothing for transport to the cow.

Poor semen handling procedures in the colder months may result in a repeat breeding problem in the spring.

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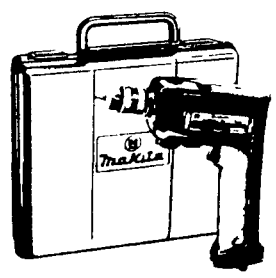

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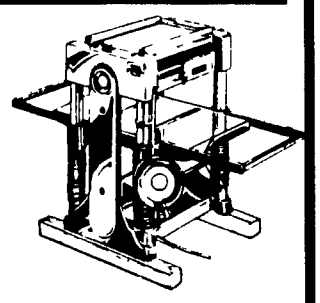

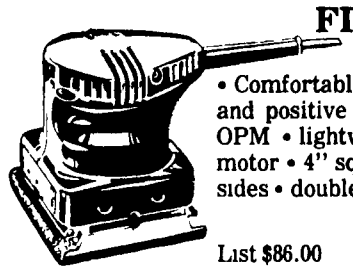

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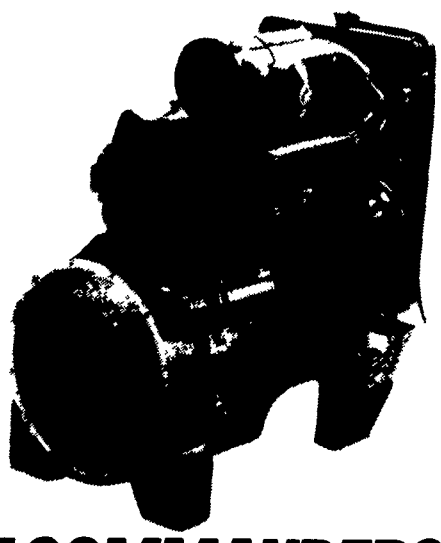

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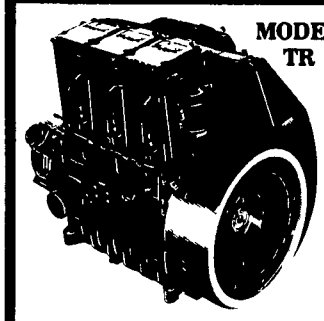

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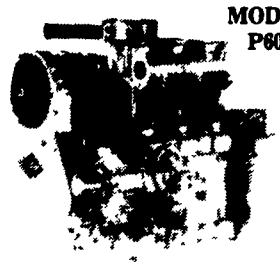

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The Milk Check

TOM JURCHAK
County Agent

Decreases and Increases

Decreases in milk production and increases in demand for cheese have moved up the Minnesota-Wisconsin Price Series 22 cents to $11.91 for November.

Production nationally dropped for the fourth consecutive month in October with the severest cut of all to date of four percent below last year.

Weather in the south and midwest is still cutting production per cow with averages up only 11 pounds per cow compared to 30 to 40 pounds earlier in the year.

We still have three months left in the second disposal period of the Dairy Termination Program and six months more for the final period so additional cuts in total production are expected next year. Only about three-fourths of the cattle in the program have been sold or exported so far.

While milk production was dropping, cheese sales are running seven percent over 1985 and last year they were six percent over 1984. Per capita sales of cheese that were at 23 pounds last year are expected to increase to 50 pounds by 1995 according to some analysts.

Increases in the M-W were expected in November but the 22 cents surprised most estimators. That $11.91 makes it 72 cents better than last year and 93 cents better than in May. It's doubtful that you can squeeze another increase out of the M-W in December with butter prices falling and a 25 cent drop in the support price coming in January. That 25 cent cut in the support price means that Commodity Credit Corporation will be paying about three cents a pound less for cheese so handlers want to clean up their inventories before the end of the year.

Tax Management

Speaking of the end of the year, dairymen should take a close look at the changes in the new Tax Reform Act for 1987 with an eye to saving themselves a lot of money by adjusting some sales and purchases while they still have a chance.

The changes in capital gains may help you decide when to sell some cull cows especially if you are not in the Dairy Termination Program. Those DTP herds have an extension on the capital gains treatment to September but only for them, not all dairymen. Animals sold before the end of the year may add only 40 percent as much taxable income as animals sold after December 31. You need to look also at the effect of income averaging on your sales and purchases because this is the last year that it will be available.

Enough information on the changes coming next year have been circulated in the farm press so everyone must be aware of them but if you haven't taken a good, hard look at them yet you better before it's too late.

Look Alike

If you are shipping to an Order 2 handler and you think your November milk check looked the same as the October check you were right. Well it probably wasn't exactly the same but the Uniform Price in Order 2 for November was 13.05 the same as it was in October.

Class prices went up, all right, with the recent increases in the M-W. The Class I price moved from $13.88 to $14.10 and Class II from $11.75 to $11.97 but your Class I utilization dropped 1.6 percent to 44.7 and you got 18 cents less from your Louisville Plan pay back.

On a daily basis there was less milk in the pool in November but you lost Class I sales with the closing of schools over the Thanksgiving holiday. In addition there were only four weekends in October and five in November. That's important because handlers don't process Class I milk over weekends. It's surprising how much the school closings and processing schedules affect Class I sales.

However, your $13.05 in November was still 75 cents better than last year and that 22 cent increase in the M-W will push your Class I price to $14.46 in January and that's 98 cents better than this year.

Hang On To It

That Class I price of $14.46 for January looks pretty good when compared to $13.29 last April in Order 2 but it's really the same price that you got in April 1985. So, if you got $14.46 during the spring flush of 1985 why shouldn't you get it in the spring of 1987? When you got $13.29 last April you sold 400 million pounds of Class I milk in Order 2 and when you got $14.46 in April 1985 you also sold 400 million pounds of Class I milk. A difference of $1.17 or nearly 9 percent in the price had no effect on sales.

Now we know that the demand for fluid milk is inelastic, which means we can change the price a lot before we affect sales, and in this example a 9 percent increase made no difference.

The point is, that the differences in Class I prices in the same market over the last two years have not affected the sales of fluid milk so why not keep the Class I price at the higher level all year?

You'll be reaching that level when the January price goes to $14.46 and the only way to keep it there is by adding over-order premiums to keep it from dropping as it will in the spring. To do that every producer who is not a member of a milk marketing cooperative will have to join one organized specifically to negotiate over-order premiums in the 11 state region from Maine to Maryland.

If you do that, you will control a supply of 28 billion pounds of milk, the largest in the country, that will give you the market muscle to negotiate Class I prices based on market conditions locally rather than the market conditions for manufacturing grade milk in the Mid-west.

Membership in this new cooperative has reached 90 percent and more in most states but Pennsylvania producers are lagging far behind and your milk is needed to make it work.

Tight Supply

Milk supplies in Order 2 are much tighter than in other areas. While production is down four percent nationally, it is down over 6 percent in Order 2 and over 5 percent in the Northeast. The Market Administrator has scheduled another meeting of handlers on Dec. 22 in Syracuse to determine if a "call provision" will be exercised to require a minimum percentage of Class I utilization by all pool plants in January and February.

The same "call provision" was considered in November and December but never activated so similar action now means that the tight supplies in Order 2 are expected to continue into the new year.

However, this does not mean that milk prices won't go down after the first of the year because your prices are set by conditions in other markets as explained earlier. However, it does mean that because supplies are tight in your market it provides a good opportunity for negotiating over-order premiums for you if you join the bargaining cooperative now while prices are up.

This is **not a referendum** of producers to determine if the majority are in favor of over-order premiums and if approval is given it will happen. This is a real membership contract that will cost you nothing but give you the extra income from over order premiums.

Producers who **don't** sign a membership contract **will not receive the extra income** when premiums are negotiated. They will get only the minimum prices provided by the federal orders in their market and no more. You have to decide if you want the extra income that the no cost membership can provide or if you're satisfied with the minimum prices you're getting now.

It only pays if you join.

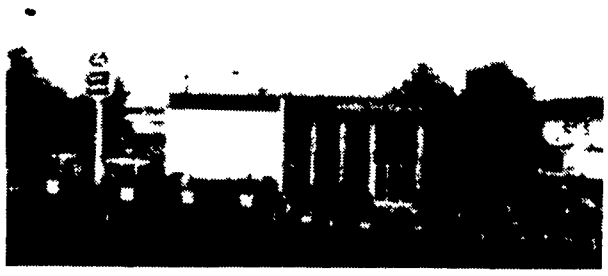
United States Sell Surplus Dairy Products Overseas

WASHINGTON – Melvin E. Sims, general sales manager of the U.S. Department of Agriculture's Foreign Agricultural Service, today announced a sale by the Commodity Credit Corporation of 4.4 million pounds of nonfat dry milk valued at $1.36 million to the Egyptian Procurement Office of the Arab Republic of Egypt.

CCC sold the nonfat dry milk, part of its surplus inventory acquired under the CCC dairy price support program at a price of $680 per metric ton delivered free along side vessel at U.S. ports of export. Deliveries will be made in December with payment in U.S. dollars, Sims said.

As of Nov. 21, CCC's total uncommitted inventory of nonfat dry milk was 559.3 million pounds.

Seasons Greetings



One of the Joys of the Holiday Season is the opportunity to say

THANK YOU

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Paul S. Schenaker, Marion M. Boyer, Ray W. Horton, Allan R. Herr
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Customers Seek Yule Trees At Elliott's Nursery

(Continued from Page A1)

you can figure on burning it," Elliott says.

Considering the amount of work it took to bring that tree from a seed to the Christmas tree lot, Elliott doesn't want to burn many trees.

Elliott and his sons, Doug and Bill III, work fulltime at the business. It's a year-round job. "You never get caught up, especially with this many acres," Elliott says.

The Elliotts plant Scotch, white and red pine, three types of Douglas fir, concolor fir, and blue, white and Norway spruce seeds by hand in raised beds. They spray the seedbeds with Round-up and Princep before planting.

The tiny plants are top-dressed in April and June with 10-10-10 and irrigated when necessary. Elliott rigs snow fencing over the beds to protect the tender plants from the direct sunlight.

In autumn, he mulches then with sawdust. While the sawdust does not prevent freezing and thawing, it keeps the 1½-inch high plants from heaving out of the ground. When the seedlings are two years old and stand between 4 and 24 inches tall, they are transplanted by hand to other raised beds.

Many of the seedlings are sold at the two or three year old stage to other Christmas tree growers. In the spring, Doug and Bill III are kept busy grading and bundling the seedlings for shipment.

The rest of the seedlings are planted in the Elliotts' fields. They own 300 acres in scenic Path Valley and another 133 in nearby Burns Valley, much of it woodland. About 150 acres are in Christmas trees.

How long it takes a tree to reach Christmas tree size varies from 8 to 15 years, depending on the type of tree. Scotch pine is faster, Douglas fir and blue spruce are slower. "I started doing this in 1956," Elliott states, "and I haven't gotten two crops off any one field yet."

"This isn't a business for a young couple to get into if they have no other income," he adds. "Your first check is a long way off."

When he and Patricia started the Christmas tree business, he worked at Letterkenny Army Depot and she worked at a store in Chambersburg. Neither was raised on a farm.

"I worked at Letterkenny, but I thought that I'd liike to be outdoors and that trees would be a good business, so I started looking for a farm. I got this one, and I've been at it ever since." At that time, his parents ran the motel and Patricia was free to help him with the trees while the boys were in school. Now, Patricia operates the motel and restaurant with help from daughter Candy, 14.

The Elliotts got into the wholesale seedling business several years ago when they had trouble getting a steady supply of good-quality seedlings.

"Every time I found a good supplier, he would either die, sell out, or quit." A supplier who wanted to quit encouraged Elliott to grow them for himself, and seedlings are now a large part of the business.

This perfectly-shaped Douglas fir has never been trimmed. Elliott says he plans to use its seeds to raise additional trees.

The Elliotts hire other workers seasonally to help with cutting, dragging and loading the trees for wholesale shipment. The all-important trimming, however, is done only by Bill and his sons.

"The shape of a tree is all in the trimming," Elliott explains. "The books say to cut the top leader back to 8 to 10 inches. But when I walk up to a tree, I look at it and see how it's shaped. Then I trim it accordingly." The scotch and white pines are trimmed June 1 through July 15; the fir and spruce from Aug. 1 through April 1.

Christmas tree farming, like any other type of farming, has its drawbacks. While the seedlings are irrigated, the larger trees are not, and dry years take their toll. Elliott planted 2,500 concolor firs one year and wound up with 500 due to drought.

He considers mice and spruce gall to be his worst problems. In 1985, he lost 3,500 trees to mice. "Mice will ring a tree or a larger seedling during the winter, and it'll be dead by spring." The mice do not bother the tiny, sawdust-mulched seedlings because these give them no place to hide. The Elliotts spray regularly to eradicate insects and weeds.

When they first started the Christmas tree business, they also had a problem with their sheep. "If you watch sheep," Elliott explains, "they can be pastured right in among the trees. But if they run short of grass, they'll eat the tops of the trees worse than deer will." They no longer raise sheep.

In one of the fields with a magnificent view of the Tuscarora Mountains stands a rare tree – a huge, perfectly shaped Douglas fir that has never been trimmed. The Elliotts plan to collect seeds from this tree with the hope of raising more trees like it.

It will take a long time and a lot of work to grow another tree of that size, but with the care and skill that are evident at Elliott's Nursery and Christmas Tree Farms, it will be accomplished.

Tomato Grower Meeting Set

The Northeast Regional Tomato Growers meeting will be held on Thursday, January 8 from 10 a.m. to 3:30 p.m. at Thompson's Dairy Bar on the Newton Ransom Boulevard at Newton in Lackawanna County.

Attorney John Becker, Penn State Extension specialist in farm law, will explain the farmer responsibilities under the "right to know" legislation. Other topics on the program include the value of foliar fertilizers; management practices for disease control; federal crop insurance; the "sod buster" program and new regulations for private pesticide applicator certification.

The speakers are Dr. Cyril Smith and Dr. Alan MacNab from Penn State University, also William Foose, Federal Crop Insurance Corporation; James Garrahan, Pennsylvania Department of Agriculture and Ed Sokoloski, Soil Conservation Service.

Reservations for the meeting must be made by sending $6.50 with your name and address to the Lackawanna County Cooperative Extension, 200 Adams Avenue, Scranton, Pa. 18503 by Tuesday, December 30.

Production Rises, Profits Shrink

BY
C. WILLIAM HEALD

Average milk production for DHIA tested cows increased 704 pounds to 16,475 pounds per cow this year. Average reported milk income per cwt dropped $1.03 to $11.82. That verifies what farmers have been saying "gross income per cow is down."

DHIA data shows a drop in income of $79.23 per cow despite the large increase in production. Lower feed costs helped some, changing from $827 last year to $779 this year for a $48 drop in yearly cost but this was not enough to offset lower milk prices.

Income over feed cost fell from $1,199 to $1,168 per cow. Dairy farmers responded by adding to herd size going from an average of 59.0 to 60.6 cows per herd.

More cows and more milk mean more pressure on dairy farmers to balance supply and demand for milk. Herd management problems also increase with size. With lots of good home grown heifers, it is easy to increase herd size but would dairy farmers be better off to cull herds more closely, increase their herd average, and obtain a higher income-over-feed cost?

Re-calculating a herd average after hypothetically removing a percentage of the herd is not difficult. Those interested can request a one page worksheet from Bill Heald, 8 Borland Lab, University Park, PA 16802.

May the peace and Joy of Christ fill your hearts during this Christmas Season and throughout the New Year!

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Pesticide Regulations

(Continued from Page A1)

anyone farming will have to become a certified applicator or hire someone to apply his pesticides," said Longenecker.

Come March, though, the procedure for becoming certified will change, he explained. Private applicators who want to obtain restricted-use permits will have to take a supervised examination at a designated testing location. While the test will retain its open-book status, farmers will no longer be able to take it in their homes.

Up to this point, permits have been issued to qualified farmers free of charge. The new law imposes a $10 fee for the permit's three-year duration.

Farmers applying for recertification will find that, for the first time, the pesticide law mandates what topics must be covered in the update training sessions. For recertification for 1987, applicants will need to take one hour of "core area" subjects , such as regulations, safety, environmental effects and label comprehension. A second hour dealing with pest-specific subjects, such as insect identification, control and integrated pest management, will also be required.

For 1988, two hours of instruction in each of the two categories will be required, and for 1989, three hours in each area will be needed. Credits acquired for one year will count toward the following year's quota, Longenecker said.

Farmers holding expired permits will find that there is a grace period until Mar. 31, 1987 that will enable those already certified to update their certificates under the existing program. But Longenecker emphasizes that the grace period does not give the holder of an expired permit the permission to purchase or use any restricted-use pesticides. And, under the new statute, private applicators can be prosecuted for attempting to purchase such pesticides without a valid permit. Under the existing law only commercial applicators can be assessed civil penalties for offenses, but Longenecker cautions that the new law subjects private applicators to civil and criminal penalties as well.

"There are major changes taking place," Longenecker summed up, adding that more information will be released from PDA as the details of the new law are ironed out.

But enough details have been released to give commercial applicators a clue to the increased work load to come. Bill Brubaker, president of Organic Plant Food Company, outlined some of the changes that would have major effects on his business.

Under the new law, said Brubaker, custom applicators will have to notify contiguous landowners prior to applying pesticides on a property. Brubaker said that compliance with this regulation could be a headache for applicators, especially in areas where agriculture meets suburbia.

The new law also requires that anyone applying pesticides must obtain technician status, which requires that the applicator completes 30 days of on-the-job training under a licensed commercial applicator. All of the bill's requirements apply to both restricted-use and general-use pesticides, where commercial applicators are concerned, Brubaker pointed out.

Despite the increased workload that the new act will create for his firm, Brubaker said that he was generally in favor of tightening regulations. "I think in the long run it's good," he said. "We've got to gain credibility among the non-agricultural public that we know what we're doing."

WORLD WIDE AND NATIONAL FARM WATCH

This national news summary is provided by ACRES, a copyrighted information service developed by the American Farm Bureau and available to Pennsylvania farmers on a daily basis through the Pennsylvania Farmers' Association Farm Management Services For more information call (717) 761-2740

Once more the depressed state of rural America is the target of politicians determined to save it. Republican members of Congress met this week near Chicago with farm state political leaders of the same persuasion. The group, hosted by Illinois Lt. Governor George Ryan, concluded that farm programs were not the complete answer and basic changes in them would not solve the problems of rural communities. The group called for diversification of rural economies as it urged President Reagan to immediately appoint the 15 member National Commission on Agricultural Policy established by the 1985 farm bill.

Kansas Senator Robert Dole told the group, "Republicans are not going to rest until the farmers and rural America become prosperous again."

Rep. Douglas Bereuter, Neb., said the federal government should begin to coordinate efforts by various farm states and private enterprise to improve the rural economy. Both he and Dole indicated a need for some changes in farm programs which, in Bereuter's words, "is a good starting point, but some improvements are needed next year."

Dole said farm policy should be aimed at improving prices and making exports more competitive and should be simple, consistent and predictable.

New Uses Encourage Corn Growers

Prices move down but world grain traders aren't buying, at least not as much as they used to. Last marketing year, global grain trade totaled 169 million tons. The year before that it was 207 million tons and the latest government forecast released that week put the current year's trade at 164 million tons and that is off 7 million tons from the previous estimate, one month ago, by the Agriculture Department. Best explanations include higher production in some importing nations and failure of Pacific nations to buy as expected. Exports by the U.S. of 62 million tons is off 6.5 million from estimates of a month ago. Two years ago, the U.S. exported 93.5 million tons of grain.

Global stocks are high. Of the total world supply of 385 million tons, 225 million are stored in the United States. One significant factor in the declining exports is the Soviet Union's second largest crop on record which they report at 210 million tons. As a result of the large crop Soviet imports will be an estimated 21 million tons, less than half of the 55.5 million tons imported two seasons ago by the USSR.

Farm Equipment Firms Tighten Belts

Firms in the farm equipment industry have little to cheer about as their businesses continue to experience. the same bleak economic conditions as the farmers they serve. But equipment manufacturers are coping in different ways, reports Farm Equipment magazine in a special November issue. Mergers, diversification, spinoffs of unprofitable divisions and just plain inventory reduction and cost cutting are some of the techniques being used by the various firms. Like some others, leaders in the farm equipment business feel that land prices are near the bottom of their cycle, but they expect performance figures for 1987 to be about level with 1986 with little hope of any dramatic improvement for at least a couple more years. One analyst, John McGinty of First Boston Corporation, sees strengthening land prices as a key to increased sales of farm equipment. He said, "I think we are near the bottom for land prices. But the only way we will know that is when land prices appreciate 10 percent. If that happens, farmer perceptions will change and we could see farm equipments demand pick up 25 percent overnight."

Economy Not Robust Despite Rise In Indicators

A 0.6 percent jump in the U.S. Commerce Department's index of leading economic indicators signals improvement in the economy but analysts don't call the strongest jump since July's 1.0 percent increase an indication of a return to a robust economy. Manufacturing is still down and it will take an upturn there before there can be a turnaround in the overall economy, said Martin Mauro, senior economist at Merrill Lynch Economics, Inc., in New York.

Malcolm Baldridge, U.S. Treasury Secretary said a favorable sign is the sharp improvement in initial claims for unemployment insurance which he said "should mean faster growth in employment."

PA Seedmen Hold Annual Meeting

LANCASTER - Al Turgeon, head of the agronomy department at Penn State, addresses the annual meeting of the Pennsylvania Seedmen's Association here last Friday. Turgeon outlined five centers of excellence the Penn State agronomy department wants develop and ask for imput into the program for agribusiness. The five areas of excellence are: turf grass systems, forage production systems, field crop production systems, soil and water reserve management and land resources assessment.

In the election of officers, the Seedmen named John Southerland, Standardford Seed Company, president; Frank Welch, Beachley Hardy Seed Company, vice president; and Fred Lepley, Hoffman Seeds, Incorporated, secretary/treasurer. Dennis Shoop, Agway, and Tim Morkovitz, Pioneer Seed Company, were newly named to the board of directors.

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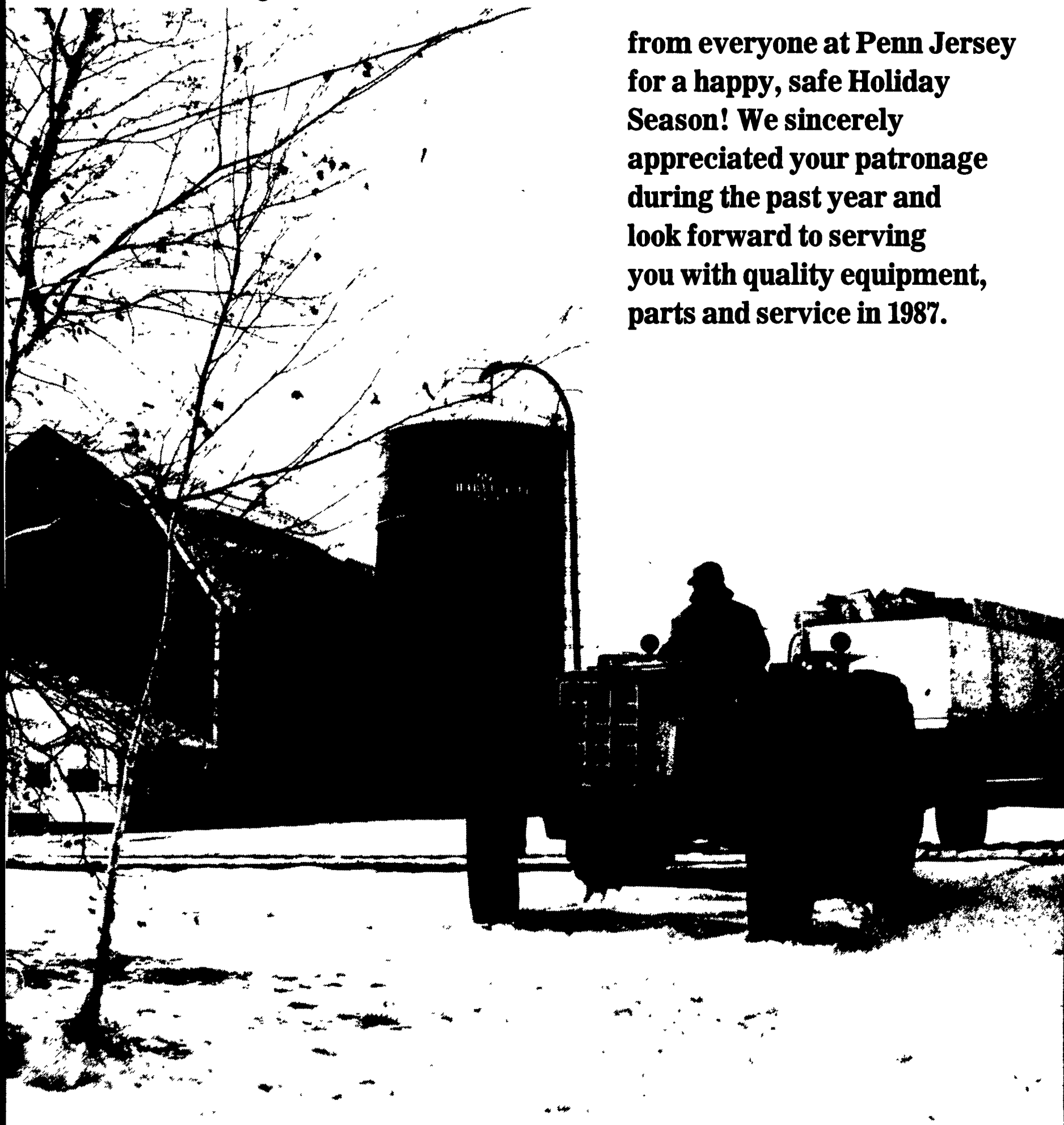

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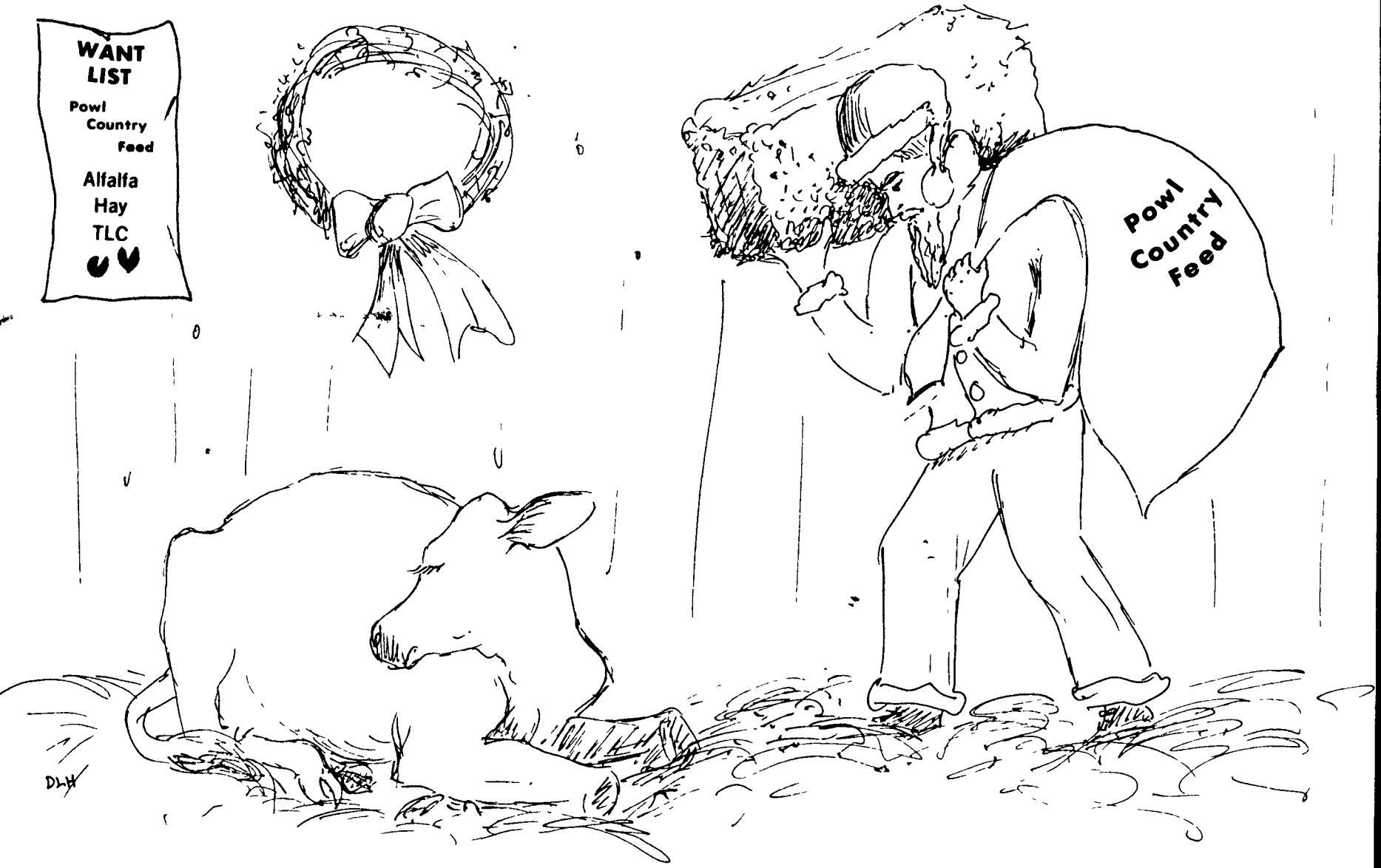

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Prepare Last Minute Holiday Gifts At Home In Your Own Kitchen

BY JOYCE BUPP
York County Correspondent

YORK — Less than a week left before Christmas, and you're not finished with your gift list yet? Take heart. If you're one of those people who likes to "mess around the kitchen," the creativity of Sheila Arnold may be just the inspiration you need.

Sheila is a freelance home economist. A graduate of Indiana University of Pennsylvania, she has worked as an extension home economist in both Adams and York counties, and now teaches craft and cooking classes.

While growing up in Mifflin County, Sheila participated in 4-H sewing project work. She decided long before time for college enrollment that home ec would be her major, and accepting the home economist position with the Adams County Extension Service in 1964 fulfilled a dream of many years.

"I decided extension was the best job anyone could ever have," she says of the diversity of the position, and of working with homemaker groups, 4-H'ers and community organization leaders.

One of Sheila's favorite gift bread presentations is to package the loaf in its own special waxed calico wrapper. She forms the wrapper from a piece of calico cut to the size needed to neatly cover a bread pan, dips the fabric into hot paraffin, and shapes it around the pan, leaving it to cool until set.

In 1966, after her husband, Boyd, began teaching in York, she transferred to an opening on York's Extension staff.

By 1969, Boyd was well on his way to a doctorate degree and his present position with the York College staff, son Jeff had arrived, and the Arnold family was settled into their comfortable home in the Crestwood area of East York. Jeff, now 17 and a senior at Eastern High School, added to Sheila's life the dimensions of room mothering, PTA activities and hosting the same-age cluster of neighborhood youngsters. As most of that group turned age 8, Sheila introduced 4-H into the urban development area, taking on the role of leader for the Crestwood Kids 4-H club.

As that phase of her life also waned, Sheila was receiving an increasing number of calls to teach extension classes, especially in the area of cooking and breads.

"When I was up to teaching three microwave classes a week, I decided I was no longer what you would call 'unemployed'," she grins.

A do-it-yourselfer and avid crafter, Sheila was often tapped to lead craft workshops at 4-H activities such as camp. Meanwhile, she was running her own candlemaking and candle party business in the 1970's, until demands of the business outgrew both her time and facilities.

Fabric crafts, primarily quilting, now claim much of her time. She currently teaches a beginner's quilting class, and attends a few local craft shows each year, marketing a variety of her original quilted creations.

Like others who taught and attended quilting classes, Sheila felt frustration in seeing numerous projects begun, but never having a chance to see the finished projects of students and quilting classmates. So, just over a year ago, Sheila and other local needlecrafters who share a passion for piecing colors into patterns founded the fast-growing York Quilters Guild.

Still, Sheila has never tired of what she jokingly refers to as "messing around the kitchen." And, during this holiday season, that equates to preparing unique time, with the special warmth of a handmade touch.

Knowing her creative abilities, the York Extension staff invited Sheila in 1985 to present a program on "Gifts From My Kitchen" at the annual homemaker's holiday meeting. Its success led to a similar spot on this year's Adams County holiday programs, and is available to other interested groups.

Since so many seasonal festive foods lean toward the sweet and heavy, Sheila's suggestions depart from the traditional cookies and candy.

"I would rather include some things other than the standard "cooking" or food preparation," she adds.

Breads have long been a favorite, and a source of many of her class themes. The St. Lucia's Crown, a braided circle of sweet dough, resplendent with blazing candles, is the traditional Christmas breakfast at the Arnold home.

In the original Swedish tradition of serving the St. Lucia's Crown, the eldest daughter of the family would rise before sunup to serve the bread to her family. This was in memory of St. Lucia, believed to have been seen in a 15th Century vision crossing the frozen lakes of Sweden's western provinces to help the poor. The crown of sweet

(Turn to Page B4)

Homestead Notes

A Christmas tradition at the home of Sheila Arnold features the serving of a St. Lucia's crown, a tasty Swedish bread fashioned into a braided circle.

Holiday Gift Recipes

Inspired to make some last-minute gifts? The recipes below, compliments of Sheila Arnold, should help.

ST. LUCIA CROWN

2 ¼-ounce packages active dry yeast
½ cup warm water (105 to 115°F.)
5 to 5½ cups unbleached bread flour
½ cup sugar
⅔ cup milk
½ cup sweet butter, softened
2 eggs, room temperature
1 teaspoon salt
1 teaspoon grated lemon peel
1 teaspoon cardamom
1 cup raisins
2 tablespoons sweet butter, melted
1 egg
1 tablespoon water
2 tablespoons sugar
Red candles, optional
Bow and holly sprigs, optional

In a large mixing bowl, dissolve yeast in warm water. Add 3 cups of the flour, sugar, milk, softened butter, 2 eggs, salt, lemon peel, and cardamom. Beat at medium speed of electric mixer, scraping bowl often until smooth, about 2 minutes. Add raisins. Stir in enough additional flour to make dough easy to handle. Turn dough onto lightly floured surface; knead until smooth and elastic, about 5 minutes. Place in greased bowl; turn greased side up. Cover; let rise in warm place until double in size, about 1½ hours. (Dough is ready if indentation remains when touched.)

Grease a large cookie sheet. Punch down dough. Divide dough into 3 equal parts. Roll each part into a 20-inch long rope. Braid ropes together. Place braid on cookie sheet, curving into a circle. Pinch ends together to seal. Brush top of braid with melted butter. Cover; let rise until double in size, about 1 hour.

Preheat oven to 350°F. Beat together 1 egg and 1 tablespoon water. Brush over braid; sprinkle with 2 tablespoons sugar. Bake for 30 minutes or until golden brown. To serve traditionally, decorate with candles, bow and holly sprigs. Makes 1 round bread.

DOGGIE BISCUITS

1½ cups unbleached flour
1 cup whole wheat flour
½ cup rye flour
1 cup bulgur
½ cup cornmeal
¼ cup instant nonfat dry-milk powder
2 teaspoons salt
1 envelope active dry yeast
1½ cups chicken broth
1 egg, slightly beaten with 1 teaspoon milk

Turn oven to 300°F. Mix the first 8 ingredients with a wooden spoon in a large bowl. Heat chicken broth to lukewarm; add to flour mixture. Stir until dough forms. Roll out dough until it is ¼-inch thick. Using a large dog biscuit for model, cut out bone shapes from dough. Place on greased cookie sheets. Brush dough with egg glaze. Bake bones for 45 minutes. Turn oven off. Biscuits should remain in oven overnight to harden. Makes 50 3-by-1-inch bones.

'FOR THE BIRDS' SUET CAKE

1½ cups beef suet, ground
1 cup assorted grain foods — cornmeal, oatmeal, bread crumbs, cereal
½ cup bird seed
2 teaspoons coarse sand or parakeet grit
¼ cup peanut butter

Combine ingredients, adding more peanut butter if needed to hold mixture together. Shape into 1 large or 2 small balls. Serve in a net bag (like onions come in) or ½ grapefruit rind with strings to hang in tree.

FINGER PAINT

½ cup cornstarch
¾ cup cold water
1 envelope unflavored gelatin
¼ cup cold water
2 cups hot water
½ cup mild soap flakes
Food coloring

Combine cornstarch and ¾ cup cold water in saucepan; soak gelatin in ¼ cup cold water. Add hot water to starch mixture; bring to boil; boil until mixture becomes clear, stirring constantly. Remove from heat blend in softened gelatin. Add soap flakes and stir until mixture thickens and soap flakes dissolve. Divide into containers and color as desired. Makes about 3 cups.

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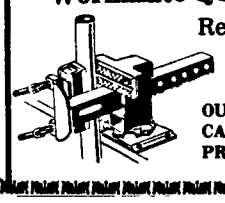

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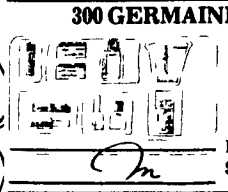

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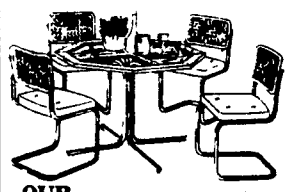

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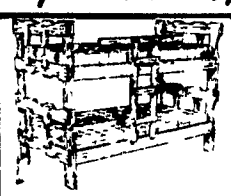

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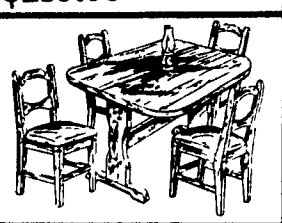

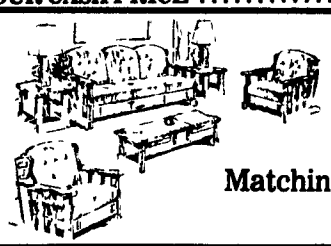

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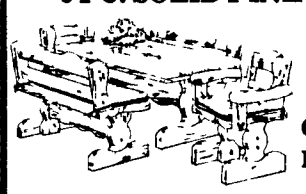

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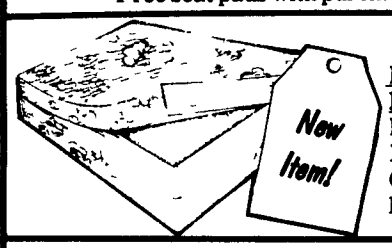

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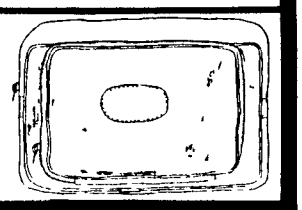

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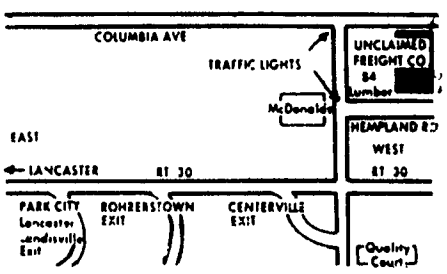

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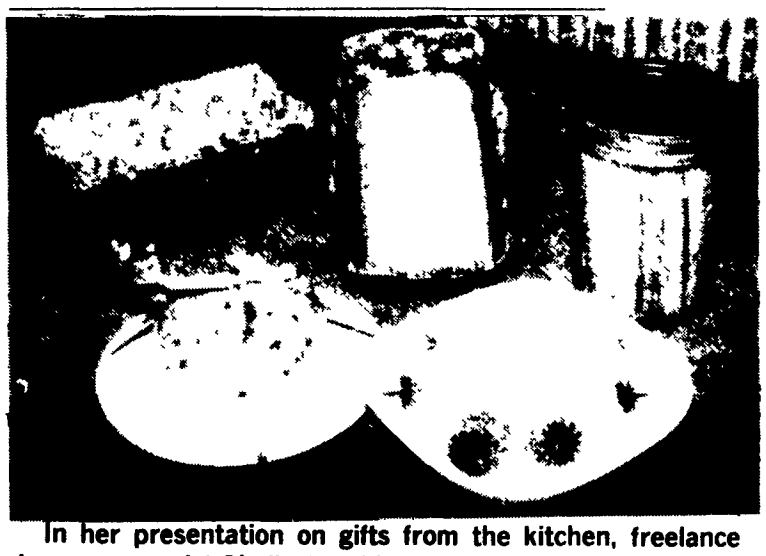

In her presentation on gifts from the kitchen, freelance home economist Sheila Arnold suggests some of these easy-to-make specialties: marzipan strawberries, cheese balls, holiday breads in their own waxed gift box, and dilled carrot sticks.

Last Minute Gift Ideas

(Continued from Page B2)

bread honors the generosity of St. Lucia.

"I make mine ahead of time and put it in the freezer for Christmas morning," Sheila explains. "We like it sliced, buttered on both sides and toasted in a frying pan. Custom decrees that some of the bread should be set aside and mixed with the seeds for the next year's grain sowing."

Extra circles of St. Lucia's crown make thoughtful holiday gifts from Sheila Arnold's kitchen. She presents them with the traditional candles, bow and holly sprigs.

But, when "messing around the kitchen" Sheila rarely stops at baking breads. Her kitchen gift creativity ranges from dipping calico squares in wax and folding into "boxes" around breads, to combining the unusual flavor marriages of carrots with dill, and apricots with chocolate.

And not all Sheila's kitchen gifts are necessarily "edibles." For kids, there's a non-toxic finger paint. Feathered-friend-feeders would enjoy a suet cake fit "for the birds." Finally, not to forget man's best friend, the Arnold kitchen occasionally whips up a batch of homemade "doggie biscuits."

So, don't panic over those last minute gaps in your gift list. And, instead of last minute charging with a plastic credit card, why not take Sheila Arnold's approach and charge into "messing around the kitchen" instead.

Stillwagen Elected NVATA Regional Vice President

ALEXANDRIA, Va. — Frederic Stillwagen, of Allentown, was elected regional vice president for the National Vocational Agricultural Teachers' Association during the 38th annual national convention held in Dallas, Texas December 5 to 9.

Stillwagen will serve a three year term as the vice president in charge of NVATA activities in Region VI. The region is comprised of 13 states: Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia and West Virginia.

Over 8,000 vocational educators in agriculture are members of the NVATA. The annual membership in Region VI is approximately 560. Garland Thomen of Brooklyn, Conn., was elected the alternate vice president 1986-87. Ralph Thomas, vocational agriculture teacher at Woodward, Okla., was elected president of the NVATA.

Stillwagen is a graduate of Allentown High School. He earned a bachelor's degree in agronomy/animal science, University of Maryland and an master's degree from Pennsylvania State University.

He has held teaching positions at Upper Bucks AVTS, Perkasie, and Lehigh County AVTS, Schnecksville.

Stillwagen served as president of the Pennsylvania Agriculture Teachers' Association and has been a member of the Pennsylvania Vocational Education Conference Planning Committee. He was president of the Mid-Atlantic Advisory Committee and Agriculture Representative on Vocational Practical Arts Education Board.

As a regional vice president he will serve on the NVATA board of directors.

Stillwagen resides with his wife Shirley and daughter Dawn in Allentown, Pennsylvania.

York Co. 4-H Baby Beef Club

The York County 4-H Baby Beef Club met Dec. 8 at 7:30 p.m. at the 4-H Center, Bair.

Old business reports were given by Nancy Townsend; meats judging contest, Connie Hoover; poultry judging contest, Tim Ferrence; livestock judging contest, and Cathy Shive; roundup expenses.

Members also had a joint program with the Swine and Sheep Clubs. Lou Holtz spoke on competition.

Following the program, committies met to plan the annual Baby Beef Banquet to be held Jan. 31 at 7 p.m. at Porter's Firehall.

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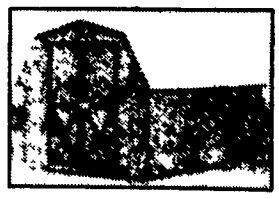

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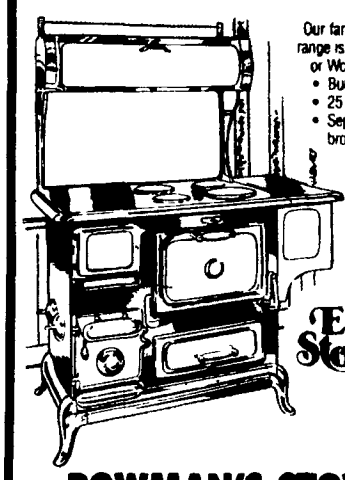

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During this Joyous Season, we in the agricultural group at LVNB would like to thank you for your patronage. We are proud to be part of the local community and we look forward to serving your financial needs in 1987.

May you and your family enjoy the happiest of Holidays, and may the New Year be a prosperous one for you.

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On being a farm wife -And other hazards

Joyce Bupp

"Away in a manger, no crib for a bed..."

While eyes may occasionally droop during a sermon, or minds daydream through an offertory, it's rare that the appearance of the Cherub Choir ever has less than the undivided attention of our church congregation.

With hearts and enthusiasm stretching beyond their often tiny heights, these youngest choristers unfailingly coax smiles from us "old folks." And, if a voice is a shade offkey, or words a bit jumbled, the love and exuberance that shines through these scrub-bed, smiling faces proclaims the story of Christmas better than all the marvelous, technological wizardy of modern media could ever begin to do.

Fact is, the simple words of that beautiful children's Christmas song have a direct line to my emotions. Two lines into the words, and I start blinking pretty hard.

But the sweet voices of tiny children touch me increasingly for another reason, and more so this time of year. For Christmas is especially a time for childhood innocence, and of wide-eyed, almost breathless, anticipation.

Wide-eyed innocence has become a scarce commodity in our household. We are, for most practical purposes, a household of grownups. A household of adults lacks the seasonal spice that small children bring to Christmas.

The traditional Santa visits and lists of Christmas wishes exist no more. We no longer focus on stuffed bears and rollerskates, namebrand dolls or miniature farm machinery or toy trucks. (Except for the "trucks" for a battered skateboard deck.)

Still, a mother feels a need to fill their stockings. But, what I'd really like to wrap and ribbon for them can't be bought, not with cash, check or credit card, not from the mall or a discount store or even through a catalog.

What I'd like to be able to gift them with first is Compassion. With a full package of Compassion, the frailities, shortcomings, disabilities and inabilities on which we judge others could fade behind the more important measure: each individual's own capabilities and talents.

Next, it'd be nice to wrap up a package of Patience. With a little bit of calm waiting time — Patience — seemingly insurmountable problems sometimes just disappear, diminish to more solvable proportions, or offer their own solutions.

A super-duper, giant-size container of Common Sense is always welcome, though sometimes elusive to capture and tuck in the toe of a knitted stocking hung at the fireplace mantle. But a daily dose of the stuff, clinging to one like a gentle hint of perfume, helps eliminate indecision, procrastination, and occasionally even saves one from making a total fool of oneself (but not always!).

Nor dare we forget to add to this gift pile a heaping box of Good Humor with periodic smatterings of Belly Laughs. With increasing frequency, we read accounts of how medical researchers are tying good health with the ability to laugh and enjoy life. Or maybe we could just call laughter the butter and salt on the popcorn of everyday living.

Finally, if I could give them but one lone gift, it would be a lengthy measure of Faith. Faith. The "sujbstance of things hoped for, the evidence of things not seen," say the Scriptures. With a deep, abiding Faith, man can endure just about any hardship, any torture, any uncertainty. Without Faith, life simply has little meaning.

And, after all, Faith is what Christmas is all about, anyway. Faith as simple and pure and loving as that belonging to those adorable tousled-hair angels... er, Cherub Choir singers... who blessedly yank us back from mental musings on material things to renewed attention to what Christmas is really about.

"....the little Lord Jesus asleep in the hay."

To you and yours, a most blessed and peaceful Christmas.

Take Stock Of Good Qualities To Enhance Self-Esteem

BY SALLY BAIR
Lancaster Co. Correspondent

LEBANON — In order to have high self esteem, a person must have the ability to recognize her own good qualities.

Francine Gates, Lebanon County Mental Health Association, said the concept of self-esteem means being aware of yourself — "both the good parts and the bad parts." Gates said, "We must realize that it is okay not to be perfect, but that everyone is worthy and has something very unique."

Gates offered her program on helping people learn how they see themselves through the Lebanon County Extension Service through a grant from the Lebanon County commissioners.

Gates likened self esteem to a glass which may be filled to overflowing at times, or have a leak that trickles out the bottom at other times. There are also times, according to Gates, when one's "glass" of self esteem may be completely knocked over by someone.

"Self esteem is learned," Gates said. "We are not born with high or low self-esteem." She said a family has a lot to do with a child's self esteem and sense of worth.

People with high self-esteem have a high energy level, are confident, optimistic, pleasant and friendly and usually have good eye contact and posture. People with low self-esteem on the other hand, are usually not much fun to be with and are often a drain on those around them.

Gates told her audience, "Feelings are one of the most important things we own. They belong to us and if we give that away, we give away the power of how we feel." She commented, "Don't allow other people to make you feel bad."

Gates pointed out that people who are not in charge of their lives allow other people to make decisions for them. "We decide how we feel, not someone else." She recommended the fogging technique for screening out negatives. She told her audience to imagine themselves surrounded by fog and to let unkind remarks pass without notice.

She said that society has taught us to be modest, not egotistical, not stuck-up and to put other people before ourselves. For that reason, it is difficult for some people to recognize their good points. She noted, "You must feel good about yourself before you can accept others."

She said the most common areas in which people put themselves down are: intelligence, the ability to be social, sexuality, physical appearance, talents, skills, spiritual life and the ability to earn money.

Writing down positive attributes helps people become aware of their abilities, though Gates cautions that most people have an easier time writing down their bad points.

Gates said there is a difference between self love, which is shown by a person full of hostility and arrogance, and love of self, which is true humility.

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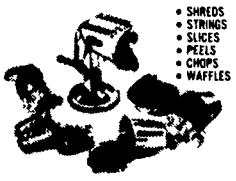

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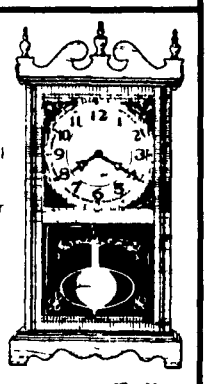
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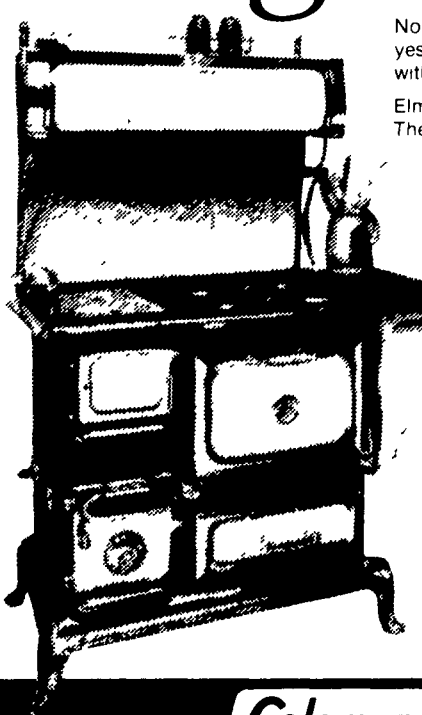
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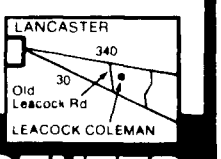

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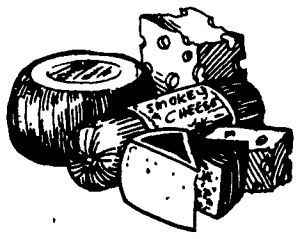
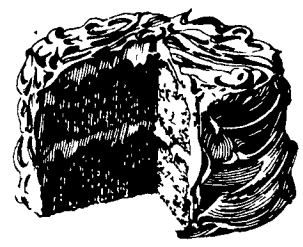


Home On The Range



Pause From Holiday Bustle For A Tasty Fireside Treat

In the midst of the bustle of holiday preparations, nothing is quite as peaceful as a quiet walk on a crisp moonlit night followed by a restful moment beside a glowing fire. Of course, a winter walk must be followed by a snack, which will undoubtedly taste finer when enjoyed by the fire.

We've gathered together a host of treats to enjoy with friends and family this holiday season. We hope you'll pause for just a few moments — or longer if you can spare the time — to relax and pamper yourself with a savory snack.

Merry Christmas to you and your family. Thank you for sharing your kitchen-tested recipes with us throughout the year. We've appreciated receiving them and we're sure our readers have enjoyed preparing and consuming them.

LAZY WOMEN CAKE

Take an 8- or 9-inch square pan. Set the sifter in the pan. (The pan does not need greased.) Fill sifter with:
1½ cups pastry flour
3 tablespoons cocoa
1 teaspoon soda
1 cup white sugar
Pinch of salt

Sift. Mix with fork. (No spoon.) Do not beat. Make 3 holes in the dry ingredients. In one hole, put 1 teaspoon vanilla. In the next, put 7 tablespoons cooking oil and in the last hole put 1 tablespoon vinegar. Pour over this 1 cup cold water. Mix thoroughly with a fork. Bake at 350°F. for 25 to 30 minutes.

Kathryn Byler
Belleville

RIBBON SALAD

1 small box lime-flavored gelatin
1 cup hot water
1 cup cold water
1 small box lemon-flavored gelatin
1 cup hot water
½ cup miniature marshmallows
8 ounces cream cheese
1 cup pineapples (crushed and drained)
1 packaged whipped topping
1 small box strawberry-flavored gelatin
1 cup hot water
1 cup cold water

Dissolve lime-flavored gelatin in hot water; add cold water. Pour into mold and chill until set. Dissolve lemon-flavored gelatin in hot water over low heat and add marshmallows; stir until dissolved. Remove from heat and add cream cheese and pineapple. Mix well. Cool and fold in topping and mix well. Pour over lime-flavored gelatin layer and chill until set. Dissolve strawberry-flavored gelatin in hot water and add cold water, add as third layer. Serve on lettuce and garnish with salad dressing.

Suetta High
Reinhold

LIGHT LEILANI BARS

½ cup butter
1½ cups sugar
4 eggs
1½ cups flour
1 teaspoon salt
½ teaspoon baking soda
1 13½-ounce can crushed pineapple, drained
½ cup chopped macadamia nuts
½ cup flaked coconut

In large mixing bowl, cream butter until light. Gradually blend in sugar. Add eggs, mix well. Blend in flour, salt and soda. Stir in drained pineapple, nuts and coconut. Spread in greased 15x10-inch jelly roll pan. Bake at 350°F. for 25 to 30 minutes. Cool and cut into bars with sharp knife. If desired, roll bar in confectioner's sugar, or serve squares with ice cream or whipped cream. Makes 48 bars.

Betty Biehl
Mertztown

DATE CRUMBLES

2 well-beaten eggs
1 cup sugar
2 teaspoons baking powder
1 tablespoon flour
1 cup chopped walnuts
1 cup chopped pitted dates

Combine ingredients. Pour into greased pan. Bake at 325°F. until a slight crust forms. Scoop out of pan and allow to cool. Break into pieces the size of a walnut. About an hour before serving, fold gently into 1 pint of whipped cream or serve plain.

Betty Biehl
Mertztown

EGGNOG ICE CREAM

2 eggs
1 cup sugar
2 cups dairy eggnog
1½ cups whipping cream
2 teaspoons vanilla extract
1 teaspoon rum extract

Take a break from holiday preparations to enjoy a sleighfull of microwave candies before a warming fire.

¼ teaspoon each: cinnamon, nutmeg, salt

Beat eggs until foamy. Gradually add sugar; beat until thickened. Add eggnog, whipping cream, extracts, spices and salt; mix well. Chill about 1 hour. Churn-freeze according to manufacturer's directions. After freezing, transfer ice cream to a plastic freezer container. Ripen in freezer at least 2 hours before serving.

MACADAMIA NUT FUDGE

2 cups sugar
2 1-ounce squares unsweetened chocolate
Dash of salt
1 cup light cream or half and half
2 tablespoons light corn syrup
¼ cup (½ stick) butter
⅔ cup coarsely chopped macadamia nuts
1 teaspoon vanilla extract

Butter a 9x5-inch loaf pan; set aside. Combine sugar, chocolate and salt in 3-quart mixing bowl or casserole. Stir in cream and corn syrup; add butter. Microwave, covered, on high for 5 minutes. Mix well. Microwave, uncovered, 10 to 14 minutes, or until soft ball stage is reached (234 to 240°F.) Cool mixture without stirring to 120°F. on edges. Add vanilla and nuts. Beat until mixture is thick and creamy and starts to lose its shine. Quickly spread in pan. (If fudge is too thick to spread, stir in a few drops of cream.) Cool completely. Cut into 1-inch square pieces. Store in airtight container in cool, dry place for up to two weeks.

BUTTERY CASHEW BRITTLE

2 cups sugar
1 cup light corn syrup
⅓ cup water
2½ cups coarsely chopped salted cashews
½ cup butter
2 teaspoons baking soda

Butter 2 large cookie sheets; set aside. Combine sugar, corn syrup and water in 3-quart mixing bowl or casserole. Microwave on high 8 to 10 minutes, stirring twice, until soft ball stage (234 to 240°F.) is reached. Stir in cashews. Microwave on high 10 to 12 minutes, until hard crack stage (300 to 310°F.) is reached. Stir in butter and baking soda. Pour half of mixture on cookie sheet, spreading to ¼-inch thickness. Cool completely. Break into pieces. Store between sheets of wax paper in airtight container in refrigerator for up to one month.

COCONUT FRUIT BALLS

1 8-ounce can crushed pineapple
1 6-ounce package dried mixed fruit bits
7 tablespoons butter
½ cup firmly packed brown sugar
1 egg
2 tablespoons pineapple juice
1 teaspoon vanilla extract
2 cups oven-toasted rice cereal
1 cup shredded coconut or finely chopped nuts

Drain pineapple, reserving 2 tablespoons juice. Combine pineapple, dried fruit, butter and sugar in a medium-sized bowl. Microwave, uncovered, on high 4 minutes, stirring twice until butter is absorbed. Combine egg, pineapple juice and vanilla. Stir a small amount of hot mixture into egg mixture. Return all to bowl. Microwave, uncovered, at half power (50 percent), 6 to 8 minutes, or until thickened and mixture forms a ball when stirred. Stir in cereal. Cool slightly. Shape into 1-inch balls. Roll in coconut. Place on waxed paper. Chill until firm, 3 or 4 hours. Store in tightly covered container in refrigerator for up to two weeks.

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Sue Keene, Lancaster Farming, P.O. Box 366, Lititz, PA 17543.

December

27-	Leftovers
January	
3-	Low-Calorie Dishes
10-	Eggs-citing Eggs

Featured Recipe

The Pennsylvania Dairy Promotion Program is offering Pennsylvania residents a free brochure featuring nonalcoholic party drinks.

Jim Harteis, chairman of the PDPP's advisory board, said over 2,500 requests for the brochure have been requested so far, and they have plenty left for others interested in the recipes.

For your free copy write to: "Cheers," PA Dairy Promotion Program, 2301 N. Cameron Street, Harrisburg, PA 17110. Include a self-addressed, stamped business envelope.

Here's a peek at one of the delectable recipes featured in the brochure.

Strawberry Daiquiri

2 cups milk
2 cups frozen strawberries, slightly thawed
1 teaspoon fine granulated sugar or sweetener
5 ice cubes
Combine all ingredients in blender until frothy

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Cook's Question Corner

If you are looking for a recipe but can't seem to find it anywhere, send your recipe request to Cook's Question Corner, care of Lancaster Farming, P.O. Box 366, Lititz, Pa. 17543. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION - Mrs. Rose S. Markley, Williamsport, would like a recipe for soft, easy-to-make cutout sugar cookies.

QUESTION - Turla Hogg, Slippery Rock, would like a recipe for the apple dish served on Shoney's Restaurant Buffet. The apples are sliced with cinnamon, etc.

QUESTION - Gerladine Smith, Felton, could like a recipe for the frosting that is on the butterscotch krimpets made by Tastykake.

QUESTION - Harold Latshaw, Walnutport, would like a recipe for kipfels.

QUESTION - Mrs. Edith Rader, Holmes, would like a recipe for pan pudding that is not gummy.

ANSWER - J. Hackman, Mill Hall, requested a recipe for glycerine soap. Thanks go to Ruby Jean Hicks, Landisburg, for sharing the following recipe taken from the book, "Make Your Own Soap," by Dorothy Richter. Evelyn Becker of Paradise also shared a recipe for soap bubbles

Glycerine Soap

⅓ cup glycerine
2 tablespoons coconut oil
2 heaping teaspoons lye
½ cup cold, soft water
Coloring or scent if desired

Mix ½ cup cold, soft water and 2 tablespoons lye. Stir until dissolved. This gets very hot. Cool to lukewarm. Heat glycerine and coconut oil to lukewarm and add lye water in slow steady stream, stirring constantly. Add coloring and scent if desired. Pour into several small molds.

To make transparent soap: Cure glycerine soap 3 days. Grind on fine vegetable grater to make 1½ cups soap. Put soap in a small pan, add 4 ounces of isopropyl alcohol (91 percent). Rubbing alcohol will not work! Stir until soap is moistened. Cook over double boiler (do not let water cook into soap mixture). Soap will boil rapidly, stir constantly. (Alcohol has a low boiling point). In short time, mixture will thread from spoon and soap will be reduced to about half original amount. (At this point, 80 percent of the alcohol will have evaporated If thin skin forms on soap, break and pour into molds. Makes several bars

Soap Bubbles

½ cup lemon joy
½ teaspoon glycerine (purchased at drug store)
½ cup white corn syrup
2½ cups water

Mix all ingredients. It may be used right away, but it's better if allowed to sit overnight. Try blowing bubbles through a soda straw, an old thread spool or a funnel.

ANSWER - Arlene Myers, Wellsville, requested a recipe for knepp and raisins. Thanks go to Mabel Zimmerman, Winfield, and to an annonymous reader for sharing the following recipes.

Apples and Knepp

Cook apples and raisins with sugar to taste. Approximately 2 cups apples, ½ cup raisins and 1 cup water. (I just guess.) When almost soft, spoon knepp on top and let covered until done — about 12 minutes.

Knepp

1½ cups flour
2 teaspoons baking powder
¼ cup sugar
1 egg
¼ cup milk
½ teaspoon salt

Mix flour, salt, sugar and baking powder Beat egg slightly and add milk Combine with flour mixture. Drop by spoonfuls into boiling apples. (Cherries or other fruit can also be used)

Knepp and Raisins

In a kettle approximately 10 inches wide, bring to boil:
½ cup brown sugar
2½ cups water
1 tablespoon butter
2 cups raisins
¼ teaspoon cinnamon

Make a dough of:
2 cups flour
½ cup brown sugar
3 tablespoons lard
¾ cup milk
4 teaspoons baking powder
½ teaspoon salt
1 egg

Mix dry ingredients together, work in lard until crumbly; add egg, then milk. Drop by spoonfuls into the raisins and syrup. Cover and simmer 20 minutes. Do not uncover during cooking time, Serve hot with milk.

ANSWER - James Kane, Shirleysburg, requested a recipe for beef jerky. Thanks go to Frances Homa, Alpha, N.J., for sharing the following recipe.

Beef Jerky

3 to 5 pounds lean beef flank or round steak
½ teaspoon pepper
1 tablespoon salt
1 teaspoon onion powder
1 teaspoon garlic powder

Place meat in the freezer for about an hour to make slicing easier. Cut across the grain of meat for crisp jerky and with the grain for chewy jerky. Trim any fat and gristle from meat.

Slice into ¼-inch strips, ½ inch wide and 4 to 6 inches long.

Mix the above seasoning with either 2 tablespoons Liquid Smoke stirred into 1 cup warm water, or with ⅓ cup Worcestershire sauce stirred together with ¼ cup soy sauce. Place meat strips in a large, flat pan in rows. If more than one layer, make the second layer go the other way for easier handling later. Pour on the marinade. Cover and marinate in the refrigerator. (Be sure all meat is covered by marinade.) After 12 to 15 hours, drain and pat meat dry with paper towels.

To sun dry: Shallow line a large box or your barbecue grill with foil, shiny side up, to help concentrate heat and catch any dropped meat. Lay meat strips, not touching, on grill or oven racks. Cover with cheesecloth secured with clothes pins and set over full base in sun to dry. Do not leave it out overnight, or it will absorb moisture from the night air.

To oven dry: If using a gas range, heat from the pilot light is sufficient. Set an electric oven at the lowest temperature and prop the door open. You are drying the meat, not cooking it. You can layer beef in deep bowl, setting a plate inside the bowl and placing a weight on top of the plate to press the meat down as it dries. A brick covered with foil is used as the weight. Seal dried beef in plastic wrap or bags.

ANSWER - Mrs Willis Newswanger, New Holland, requested a recipe for a centerpiece using moth balls, water and citric acid. Like the coal garden, this was a popular recipe with our readers. Thanks to all who shared their recipes.

Believe It Or Not Bouquet
(Bouncing Snowballs)

You will need a clear glass flower bowl, a handful of mothballs, a small quantity of citric acid crystals (from the drug store), baking soda, a bit of green or blue vegetable coloring and one or two flowers — a full-blown rose with a sprig of leaves is good. Cut the stem of the flower and its leaves very short. Anchor to the bottom of the dry bowl, using a tiny needle type flower holder or a bit of adhesive tape or modeling clay to hold it in place. (If the container is a bubble bowl, with narrow opening, the flower may be weighted and lowered carefully into the bowl.)

Fill the bowl about 2/3's full of water tinted with food coloring. Make sure the flower is fastened securely so it does not float when water is poured into the bowl. Set the bowl on the table. Just before dinner is served, drop in citric acid and soda (about a tablespoonful of each to each quart of water) and add the handful of mothballs. Suddenly the mothballs become sparkling bubbles that dance up and down in slow rhythmic fashion in the tinted water. There is no odor from the mothballs and they usually keep up their lively performance throughout the dinner hour. Should they stop, add another spoonful of citric acid and soda to start them in motion agin.

Note: Other readers suggested coloring mothballs with crayons, or using a Christmas figure or small candle in the bottom.

ANSWER - Harold Latshaw, Walnutport, requested recipes for cookies. Thanks go to Ruth Keller, Lititz, for sharing the following recipes.

Sugar Cookies

¾ cup shortening
1½ cups granulated sugar
2 eggs
1 cup thick milk or buttermilk
1 teaspoon soda
3 cups flour
2 teaspoons baking powder
½ teaspoon salt
1 teaspoon vanilla

Beat shortening, sugar and eggs until light Dissolve soda in milk and add remaining ingredients Drop on greased cookie sheet by tablespoons Bake at 400 or 425°F for 8 to 10 minutes

Date Balls

1 cup chopped dates
¼ pound butter
1 cup granulated sugar
¼ teaspoon salt
2 eggs, slightly beaten

Boil for 10 minutes Stir Remove from heat and add 2 cups krispy rice cereal and 1 cup walnuts Cool. Form into balls and roll in coconut.

Fireside Treats

(Continued from Page B6)

DONDER NOG

3 eggs, separated
1½ cups cream of coconut
2½ cups mik
½ cup pineapple chunks, drained (reserve juice)
½ cup reserved pineapple juice
1-ounce bottle pineapple extract
1-ounce bottle rum extract
Nutmeg

In small bowl, beat egg yolks until frothy. Pour beaten yolks, cream of coconut and milk into medium saucepan. Cook over low heat, stirring constantly until mixture coats spoon. Pour beaten yolks, cream of coconut and milk into medium saucepan. Cook over low heat, stirring constantly until mixture coats spoon. Immediately set pan in bowl of very cold water and continue stirring until mixture is lukewarm. Place pineapple, reserved ½ cup juice and extracts in blender container. Blend on high for approximately 20 seconds. Stir the pineapple mixture into the cooled coconut-milk custard. Chill 4 to 6 hours. At serving time, beat the egg whites until stiff but not dry. Gently fold the chilled custard into the egg whites. Sprinkle with nutmeg. Serve immediately.

ELF KISSES

12 1-ounce squares semi-sweet chocolate, coarsely chopped
6 tablespoons butter
6 tablespoons powdered sugar
6 egg yolks
1 teaspoon almond extract
Dry cocoa (optional)
Finely chopped almonds (optional)
Commercial coating chocolate (optional)

Place chopped chocolate in top of double boiler. Set aside. Put about 1 inch of water in bottom of double boiler and bring to boil. Reduce heat so water is at simmer. Place top of double boiler containing chocolate into the bottom of the boiler, being certain water does not touch the bottom of the pan. When chocolate is melted and smooth, remove the mixture immediately from heat and stir in butter and powdered sugar. Continue stirring until sugar is dissolved. Add egg yolks one at a time, beating with a mixer after each addition. Stir in almond extract. Pour mixture into bowl. Cover with plastic wrap and let stand for 18 hours in cool, dry place. (Do not refrigerate.) Shape mixture into 1-inch balls. Refrigerate for 3 hours. Roll in cocoa or finely chopped almonds. For chocolate-covered Kisses, use commercial white or dark coating chocolate. Melt chocolate according to package directions and dip Kisses into the melted chocolate. Place on waxed paper after dipping. Store in refrigerator.

CHEESY YULE LOG

2 3-ounce packages cream cheese, softened
¼ cup chopped green onions with tops
¼ cup bottled chutney
½ to 1 teaspoon curry powder
¼ teaspoon ground red pepper
6 hard-cooked eggs, chopped
1 cup (4 ounces) shredded Cheddar cheese
½ cup chopped pecans
Snipped parsley, optional

Beat together cream cheese, onions, chutney and seasonings until blended. Stir in eggs, cheese and pecans. Cover and chill to blend flavors. Form into a log or ball. Roll in parsley if desired. Serve with fresh fruit slices or crackers.

Ida's Notebook

Ida Risser

My Christmas cards are sent but not all of my decorations are in place. When all the trimmings are on the tree and all of the wreaths are on the doors, I feel as though I've really accomplished something. So, I leave them up for a week or more after Christmas is over.

Now if I can just find time to make a few more kinds of cookies I'll be ready to pack some boxes for my Amish neighbors. This has become a tradition at our house as we visit and take gifts at Christmastime.

When the children come home, it is like old times. They relieve me of cooking every now and then and they do odd jobs for me.

Cindy put straw on the three long rows of strawberries and she made some cookies too. She even managed to rehang the heavy bird feeder that the wind blew down the other week.

The other morning, I was watching some pheasants along a fence row. Then discovered that I wasn't the only one watching them as suddenly a large red fox dashed the width of the field but did not catch any of them. Later his red-orange fur shone in the morning sunshine as he slinked down toward the river.

When we have out-of-state guests, we often visit some of Lancaster County's historical institutions. This way I get to see the museums and educational exhibits quite often. Recently we went through the twenty some buildings at the Cloisters in Ephrata. This radical 18th century religious communal society is well known for their music, publishing center, Germanic architecture and their art. Imagine using a wooden block for a pillow after a hard day's work!

Ag Agent Walker Wins Service Award

NEWARK, Del. – Derby Walker, University of Delaware agricultural extension agent for Sussex County, was presented an award for meritorious service to the Peninsula Horticultural Society at its recent centennial banquet.

Walker, 40, has served as assistant secretary of the Pen Hort Society since 1974. His grandfather was one of the original founders of the society, which is open to all growers, producers and marketers of commercial vegetable and fruit crops.

A 1968 graduate of the University of Delaware in horticultural science, Walker also holds a master of science degree in plant science. He worked as an assistant agent for the Pennsylvania Cooperative Extension System until 1973, when he joined the Delaware Extension System in Sussex County.

A resident of Laurel, Walker is married and has two children.

Except for soft, unripened cheeses such as cottage cheese or cream cheese, all cheese tastes better served unchilled. Cheese usually requires from twenty minutes to an hour at room temperature to bring out its distinctive flavor and texture.

To keep eggnog cold in the punch bowl, float a ring of frozen eggnog. Fruit garnishes frozen into the mold add a bright touch. Place the pieces of fruit and carefully add eggnog to cover. Freeze. Then fill mold with eggnog and freeze.

Fold a condiment such as prepared mustard or horseradish into whipped cream to create a delicious accompaniment for meats. This type of flavored cream tastes especially good with roast beef, boiled brisket, corned beef or ham.

On special occasions, offer your guests double-thick butter pats cut from a stick of butter. Accent the serving plate with small sprigs of parsley.

Whipped cream flavored with liqueur becomes an elegant ingredient for desserts. Whip 1 cup whipping cream and sweeten to taste. Fold in 1 to 2 tablespoons of your favorite liqueur. Turn simple fresh fruit into a special treat with this garnish, or use to top after-dinner coffee and compatibly flavored crepes or pies.

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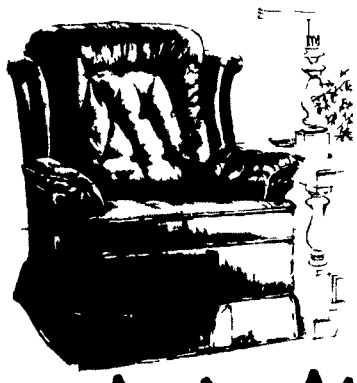

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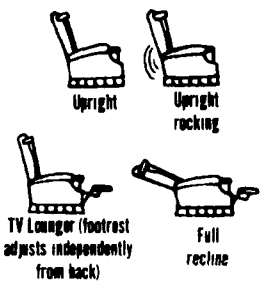

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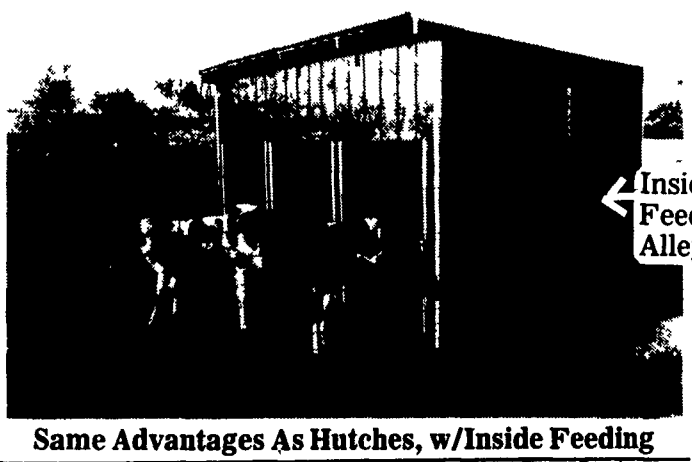

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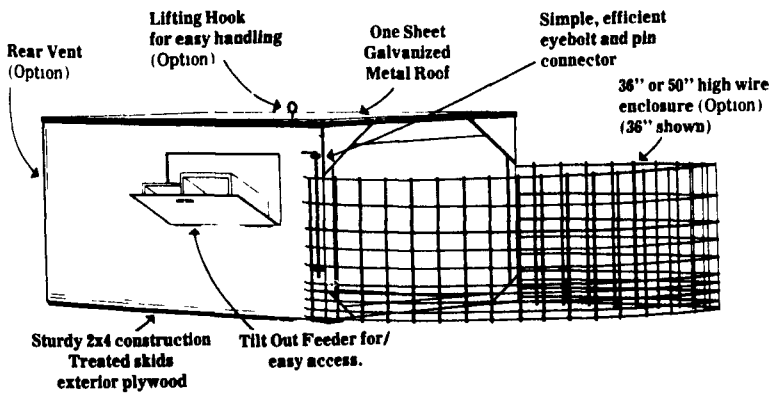
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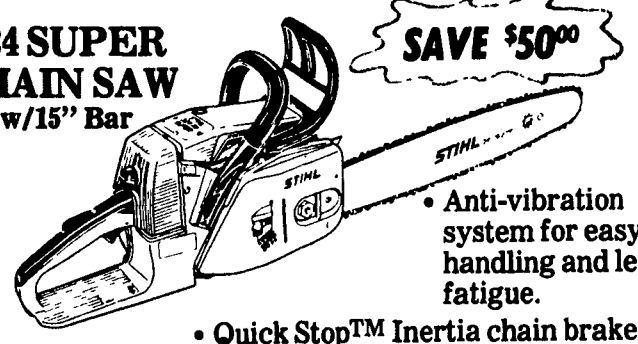

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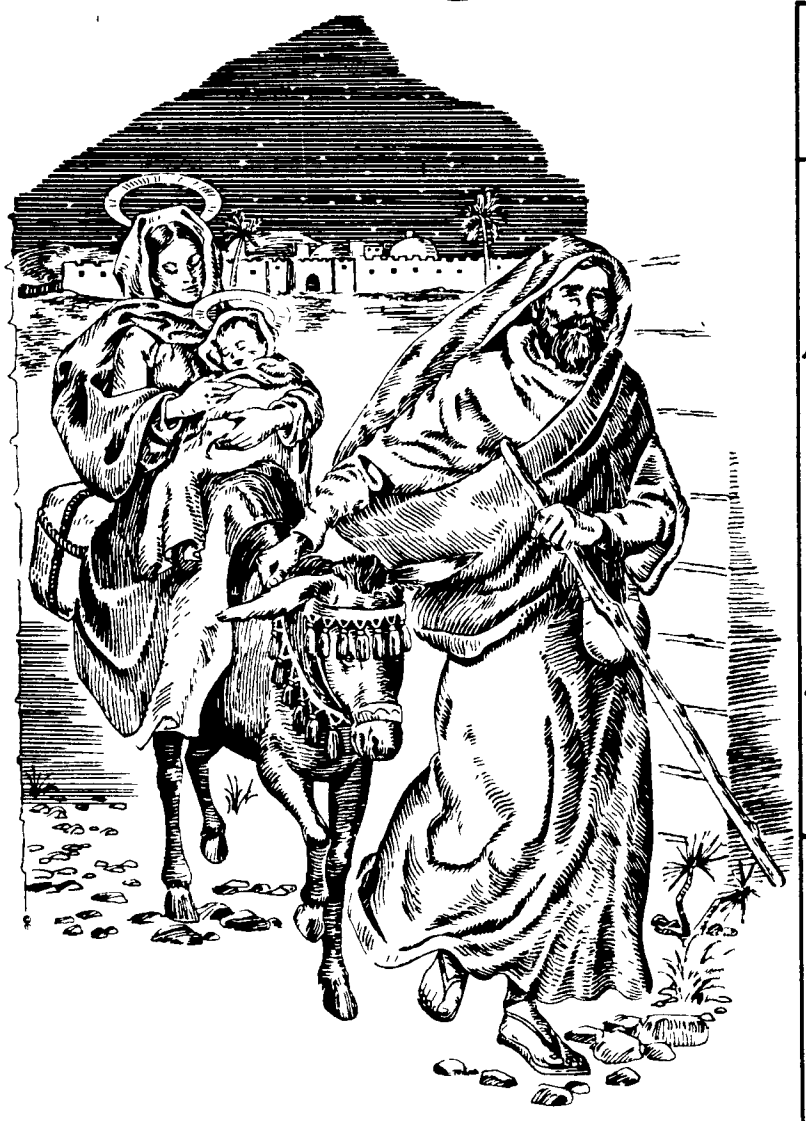

Santa's Reindeer

Santa Claus sure knew what he was doing when he chose reindeer to pull his sleigh. While reindeer are quite small — usually around three-and-a-half feet tall — they have great strength and endurance. Ranger Rick magazine reports that a healthy reindeer usually weighs about 150-250 pounds and can pull its own weight in cargo on sleds across the tundra — or the rooftops!

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8.) SNOW 9.) SKIS 10.) SUN.

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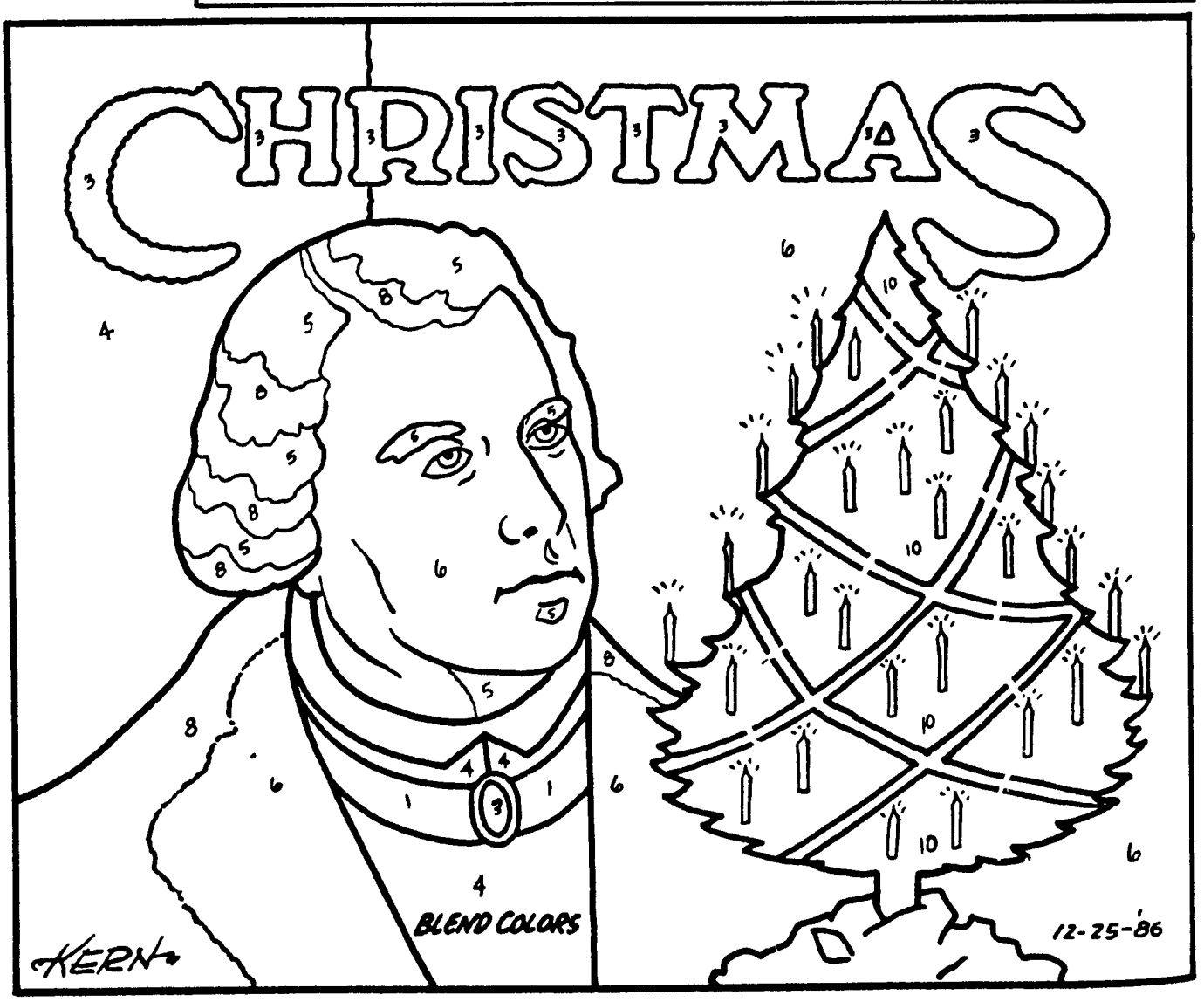

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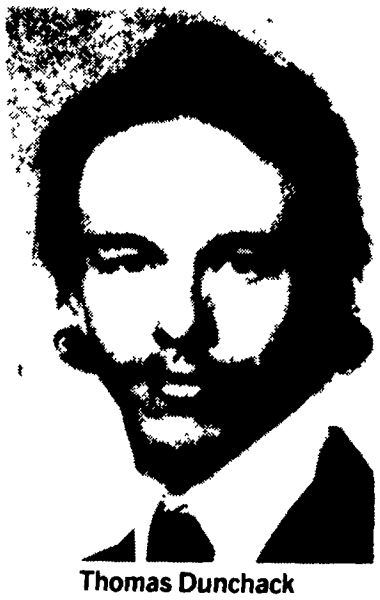
Pennsylvania 4-H'ers Earn Trip To National 4-H Congress

Editor's Note: Biographies of Pennsylvania's delegates to National 4-H Congress in Chicago appeared in the Dec. 6 issue of Lancaster Farming. However, information on seven of those attending was not available at that time. This week, Lancaster Farming is happy to recognize those winners.

UNIVERSITY PARK — Pennsylvania was represented at National 4-H Congress, held in Chicago Dec. 7 to 11, by a group of outstanding delegates. They were selected from more than 145,000 Pennsylvania youths who annually participate in the Extension Service's educational 4-H program. Among those attending the national event were:



Thomas Dunchack

Thomas P. Dunchak II

Thomas P. Dunchak II, Littlestown, competed for one of four $1,000 agriculture career scholarships, sponsored by DeKalb Ag Research, Inc., DeKalb, Ill.

The son of Thomas and Cecilia Dunchak, he is a sophomore majoring in agriculture at Penn State's Mont Alto campus. A 4-H member for 11 years, he has served his local club as president, vice president and treasurer. He has also been president and news reporter of the county club, as well as treasurer of county council.

Dunchak completed projects in sheep breeding and marketing, pet care, riflery, archery, soil conservation, models, airplanes and rockets and commodity marketing.

He has participated in 4-H Capital Days, Leadership Congress, Achievement Days, Citizenship-Washington Focus and the Rural Electric Youth Tour in Washington, D.C.

Kyra Gadomski

Kyra Gadomski

Kyra Gadomski, RA06 Lake Ariel, competed for one of two $1,000 rabbit project scholarships.

The daughter of John and Barbara Gadomski, she is majoring in computer science at Penn State's Worthington Scranton Campus. A member of 4-H for 10 years, Gadomski has served her local club as president, vice president, secretary, treasurer and news reporter. She has also been secretary and treasurer of her county club as well as secretary of county council.

She completed projects in rabbits, onions, wildlife, forestry, veterinary science, dairy, Design with Line, potatoes, beekeeping, outdoor gardening, bicycle, pet care, flock management, capons, beef, vegetable gardening, muskmelons, strawberries, sweetcorn, Self-Determined and Design with Texture.

Janet Ludwig

Collene Kessler

Collene Kessler, Chambersburg, won a trip to 4-H Congress through the Seeing Eye Puppy Program.

The daughter of Bob and Carol Kessler, she is a sophomore majoring in physical therapy at Penn State's Mont Alto Campus. A member of 4-H for 10 years, she has served her local club as president and her community clubs as secretary and treasurer. She was also County Council representative for the Puppy Club and a teen leader for the goat club.

Kessler has completed projects in goat, horse, capon, ceramics, clothing, strawberries, leadership, citizenship, photography, forestry, rabbit, candlewicking, cooking, cake decorating, leather work, seeing eye puppy and woodworking.

Her trip was sponsored by Seeing Eye of Morristown, N.J.

Janet Ludwig

Janet Ludwig, York Springs, was named the state gardening award winner. She received a $75 bond and competed for one of eight $1,000 scholarships sponsored by the Ortho Consumer Products Division of Chevron Chemical Corporation.

The daughter of Frank and Bertha Ludwig, she is a junior at Bermudian Springs High School and plans to attend an agricultural college. A 4-H member for eight years, Ludwig has served her local club as president, vice president, secretary, treasurer, teen leadr and senator; the county club as secretary and senator; and county senate as treasurer.

She has completed projects in dairy, outdoor flowers, indoor flowers, strawberries, dairy foods, clothing, counted cross stitch, candlewicking, latchhook and macrame. She has also participated in State 4-H Achievement Days.

Karen Marteeny

Karen Marteeny, R6 Somerset, attended National 4-H Congress after placing second in the health program.

The daughter of Bill and Connie Marteeny, she is a senior at Somerset Area Senior High School with plans to become a high school home economics teacher. A 4-H member for nine years, Marteeny has served her local club as president, vice president, news reporter, assistant treasurer, recreational leader and photographer. She also served as recreational leader for county council and was a clothing project leader and assistant food leader.

She has completed projects in health, clothing, home environment, child care, foods, dairy foods, dairy and sheep.

Helen Norman

Helen Norman, R1 Liberty, attended National 4-H Congress after placing second in the home management program.

The daughter of Donald and Janet Norman, she is a junior at Liberty Junior/Senior High School. She plans to attend college and participate in the IFYE program.

A 4-H member for eight years, she has served her local club as co-president, secretary, treasurer, news reporter, song leader and game leaders. In addition, Norman was junior leader in foods and clothing for three years and a member of the planning committee for five years.

She has completed projects in Start with a Small Change, money management, outdoor flowers,

(Turn to Page B14)

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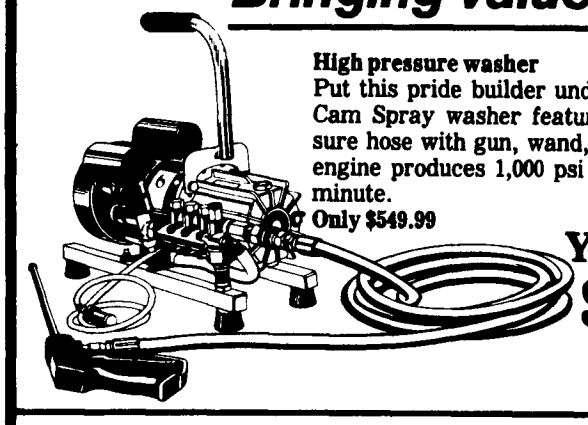

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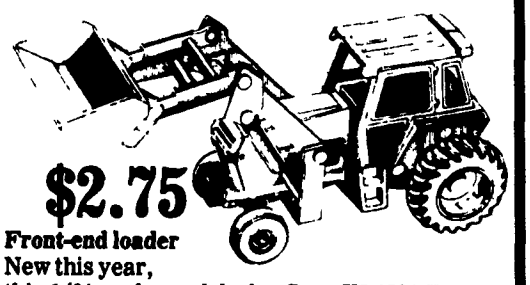

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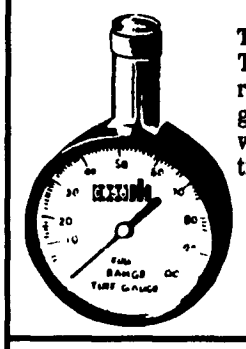

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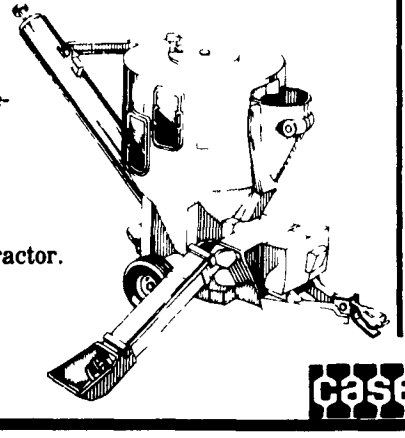

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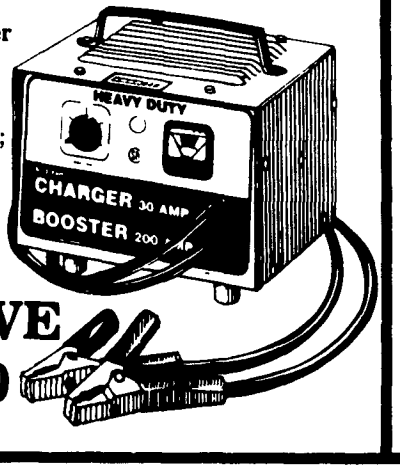

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LANI BLOOMER

Microwaving Nut Breads

Every fall, for the last three years I have planned a column on microwaving nut breads. But every fall, I have replaced that column with something else, since the recipes I'd tested weren't very good. I was beginning to think that nut breads just weren't worth cooking in a microwave.

Here are some of the problems I ran into: The cooking is uneven because of the very dense batter, so the bottom is frequently underdone. In the loaf shape, the ends get too hard before the middle gets done, even with shielding. The nuts sank to the bottom. The edges didn't brown, so most of the recipes I tried looked "sick." And cinnamon or graham cracker crumbs on the edges didn't help much.

Well, I tried again, with success at last! Here, barely in time for Christmas, is a nut bread, with several variations, that looks good enough to serve company. It tastes delicious and doesn't take hours to bake because it's designed for your microwave.

These nut rings are pretty when served whole; sprinkle with powdered sugar, if desired. Or slice and serve spread with cream cheese or butter for a buffet.

They are also delicious toasted for breakfast. They keep well refrigerated, and freeze well too, so make one now to have on hand for unexpected company during the next few weeks.

Cranberry Nut Ring

3 tablespoons shortening or margarine

2 cups finely chopped walnuts, divided (½ cup to coat pan, 1½ cups for batter)

¾ cup margarine or butter

1½ cups sugar

3 eggs

2 teaspoons orange rind

¼ cup orange juice

1 cup sour cream

1½ cups flour

1 teaspoon baking powder

1 teaspoon baking soda

1 cup coarsely chopped cranberries

1. Heavily grease a 10 to 12-cup plastic bundt pan, using all 3 tablespoons shortening or margarine. Sprinkle ½ cup nuts evenly in pan to coat sides and bottom.

2. In large mixing bowl, cream butter and sugar until very light and fluffy. Add eggs, one at a time, beating very well after each. Then stir in orange rind, juice, and sour cream, mixing until smooth. Sift flour with baking powder and soda and stir into batter. Fold in remaining 1½ cups nuts and cranberries.

3. Spread batter evenly in prepared pan. If your oven does not have a turntable, raise the pan off the bottom of the microwave by placing the bundt pan on top of an upside down pie plate, dinner plate or flat casserole lid. (This lets more microwaves get under the pan, so the bottom cooks more evenly.) With a turntable, this is not necessary.

4. Leave uncovered and microwave on medium (50,5) for 15 minutes, until batter rises evenly all over pan. If the batter rises unevenly, rotate pan every 4 to 5 minutes during baking. Microwave on high for 5 to 7 minutes, until a long toothpick or cake straw comes out clean.

5. Let stand on a flat surface (counter, breadboard, hot pad) for 15 minutes. Move pan to a wire rack and cool until bottom is only warm to touch (15 to 20 minutes). Turn out onto a serving plate. Serve warm or cool completely. Nut breads slice better when cold. Makes 1 12-inch ring; serves 18-24.

Variations:

Date Nut Bread: Replace cranberries with chopped dates.

Bishop's Bread: This is a sweet treat for a dessert buffet! Omit cranberries, orange rind and juice. Use ¼ cup milk and 1 teaspoon vanilla. Then stir in only 1 cup chopped nuts (instead of 1½) and ½ cup chopped dates, ½ cup chopped candied cherries, and ½ cup miniature chocolate chips.

Tips: Make sure you finely chop the pieces of nuts, dates, etc. that you add. Large chunks or regular size chocolate chips sink during microwaving. If a lot of big chunks sink, the batter on the bottom around them will be undercooked.

— Dense batters like this need to be raised up in the microwave, as in step 3, or they may not be done in the cooking times given.

— When testing for doneness, use a cake straw or long toothpick that will reach to the bottom of the bundt pan. It is the very bottom that may be underdone.

Note: The cooking times above are for microwaves with 600-700 Watts. For 500 W, add 10-15 seconds for each minute.

I hope you have a joyous holiday and that you'll be celebrating with your family as we will.

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Kerr Attends AVA Convention

ALEXANDRIA, Va. — Jim Kerr, vocational agriculture teacher in the Willow Street AVTS school joined approximately 500 other vocational agriculture educators attending the American Vocational Association National Convention in Dallas, Texas, December 5 to 9. An estimated 6,500 vocational educators representing the 12 AVA divisions attended the 600 plus sessions keyed to the theme, "AVA at 60... A Tradition to Build On."

The 38th National Vocational Agricultural Teachers' Association Conference ran concurrently with the AVA Convention. The NVATA, an affiliate of the AVA Ag Education Division, conducted a series of programs designed to meet the specialized needs of the secondary, post-secondary and adult agriculture instructors. The total program included general sessions, departmental/ sectional/ regional/ divisional/ affiliate meetings, business sessions, special award and recognition programs, socials, receptions, and sponsored meal functions.

Jim Kerr, currently serving as the past president of the Pennsylvania Vocational Agricultural Teachers Association, also served as delegate at the convention.

The NVATA is a national professional organization for vocational agriculture educators.

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Unusual Food Gifts Will Delight Recipients

Food gifts are fun to make and give during the holiday season. They are economical and a nice way to say "Happy Holidays" to friends, neighbors and teachers, as well as hosts and hostesses.

The following three recipes for gift giving were created in the test kitchens of the American Dairy Association. The recipes, featuring popular dairy products, have contemporary appeal and holiday flair.

A homemade Basic Salad Dressing Mix, made with dairy sour cream and buttermilk, is a versatile and tasty recipe worth sharing with friends. Add chunks of Blue cheese to the basic mix and it becomes Blue Cheese Dressing. Or accent the basic recipe with tomato paste, grated Parmesan cheese and Italian herbs for a Creamy Italian Dressing. Either is delicious over salad greens and can be served as a dip with raw vegetables.

Rich Holiday Muffins, flavored with dairy eggnog, butter, candied cherries, nuts and currants, are a perfect treat for a holiday brunch, lunch or tea. The muffins can be baked in individual foil cups and presented in a colorful box, a wicker basket, wooden sleigh or a beribboned plastic bag. Note on the greeting card that the muffins will keep at room temperature up to a week or may be frozen for a month before using.

Your pasta-loving friends will rave about Creamy Pesto Sauce, prepared with cream cheese, Parmesan cheese and the traditional blend of parsley, basil, garlic and nuts. The sauce may be made in a food processor or blender. You'll want to pack it in a jar for refrigerator storage and provide directions for using. Decorate the gift package with pasta or provide some spaghetti or fettucini along with the sauce.

Happy holiday food gifting.

BASIC SALAD DRESSING MIX
3 cups dairy sour cream
1½ cups buttermilk
2 tablespoons white wine vinegar
2 tablespoons sugar
¾ teaspoon salt
½ teaspoon dry mustard
¼ teaspoon pepper
¼ teaspoon paprika

Combine all ingredients; mix well. Store, covered, in refrigerator up to two weeks. Makes about 1 quart. Use as a base for either of the following salad dressings:

Blue Cheese Dressing: (Yield: approximately 1¼ cups) — To 1 cup basic mix add ¼ cup (1 ounce) crumbled blue cheese, 1 teaspoon Worcestershire sauce and 1/8 teaspoon garlic powder. Use over salad greens or as a dip for raw vegetables.

Creamy Italian Dressing (Yield: approximately 1¼ cups) — To 1 cup basic mix add 2 tablespoons tomato paste, 4 teaspoons grated Parmesan cheese and ¾ teaspoon Italian herbs. Use over salad greens or as a dip for raw vegetables.

RICH HOLIDAY MUFFINS
¼ cup butter
½ cup sugar
2 eggs
2¼ cups all-purpose flour
2 teaspoons baking powder
1 teaspoon salt
1 cup dairy eggnog
⅓ cup chopped candied cherries
⅓ cup chopped pecans
⅓ cup currants

Preheat oven to 375°F. Cream butter and sugar until light and fluffy. Beat in eggs. Combine flour, baking powder and salt. Add dry ingredients alternately to creamed mixture with eggnog; begin and end with dry ingredients. Mix well after each addition. Stir in cherries, nuts and currants. Fill paper cup-lined muffin cups ¾ full. Bake 18 to 20 minutes or until wooden pick inserted into center comes out clean. Cool in pan 5 minutes. Remove from pan and cool completely on wire rack. Store at room temperature in airtight container. Muffins will keep at room temperature up to 1 week and frozen up to 1 month. Makes 18 to 20 muffins.

CREAMY PESTO SAUCE
2 cups fresh parsley
6 tablespoons dried basil
¼ cup pine nuts (pignolias)
8 whole blanched almonds
2 cloves garlic
2 8-ounce packages cream cheese, broken into small pieces
1 cup grated Parmesan cheese
½ teaspoon salt
Pasta

Place parsley, basil, nuts and garlic in work bowl of food processor. (Mixture can also be made in blender, using "chopping" speed. Do half a recipe at a time.) Process until coarsely chopped. Add cream cheese, parmesan cheese and salt. Process until well combined. For gift giving, divide mixture in half. To prepare each half, include the following directions with your gift: Cook 12 ounces of pasta. Drain pasta, reserving 6 tablespoons of water in which pasta was cooked. Add to softened pesto sauce; mix well. Toss hot pasta with pesto sauce. Serve immediately. Makes 6 servings. Keep Creamy Pesto Sauce refrigerated up to 2 weeks.

National Congress Delegates

(Continued from Page B12)

planteria, dried flowers, clothing, food and nutrition, macrame, needlepoint, leadership, dairy, and careers.

Deborah Sue Ott

Deborah Sue Ott, New Alexandria, modeled her winning sewing project in the National Fashion Revue held in conjunction with National 4-H Congress.

The daughter of Robert and Sara Ott, Deborah was named one of ten state Fashion Revue finalists and became the state winner after submitting a national 4-H report form. A 4-H member for nine years, she modeled a turquoise suit with a fuchsia camisole.

Deborah is a senior at Greensburg Salem Senior High School.

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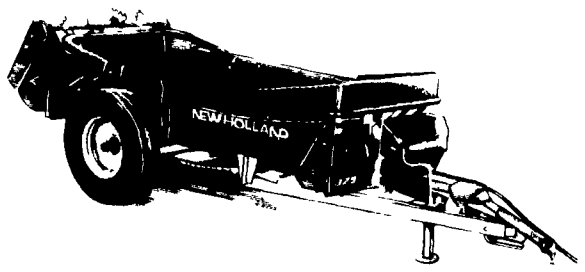

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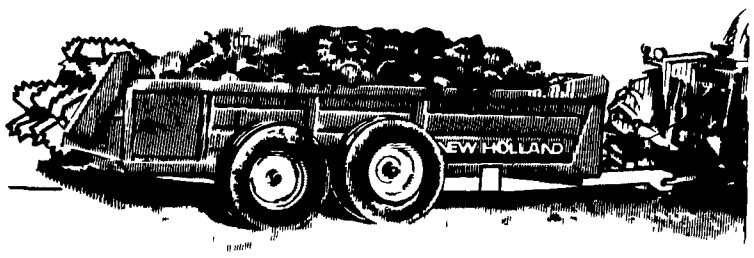

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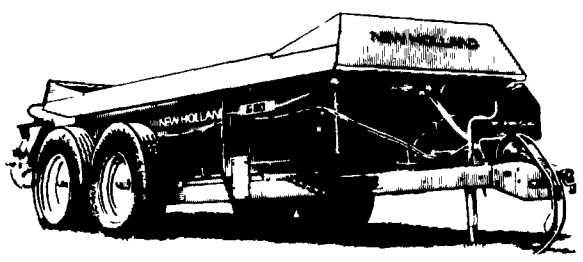

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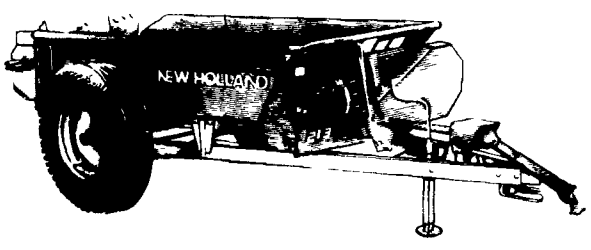

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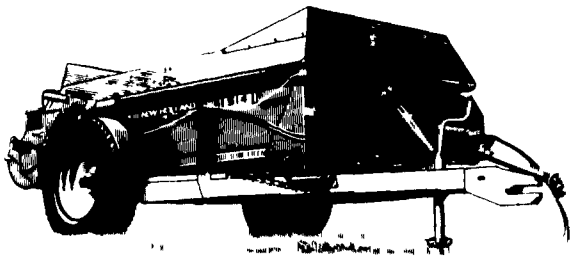

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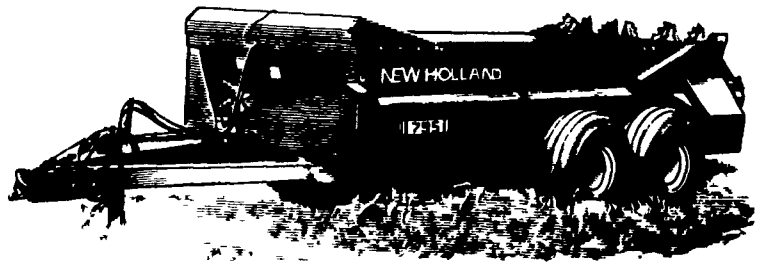

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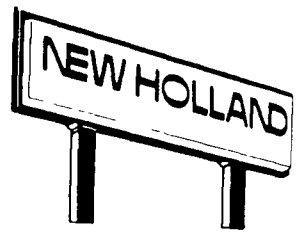


New Albany Wreath Factory Gears Up For The Christmas Season

BY BARBARA MILLER
Lycoming County Correspondent

NEW ALBANY — "Welcome To New Albany, Wreath Capital of the World," reads a sign outside a small village in the hills of southern Bradford County. Aside from a green wreath hung high on the local library, a casual visitor to New Albany may see nothing to warrant such a proclamation.

But occupying 17 buildings in this sleepy town is Herman Rynveld's Son Corp., owned by Herman Rynveld Jr. Rynveld's employs approximately 100 people at the New Albany plant, many of them townspeople, and another 200 workers at their complex in Montgomery. Showrooms displaying Rynveld merchandise are maintained in major cities coast to coast including Chicago and Manhattan's Fifth Avenue.

As many as 10,000 wreaths per day are manufactured at the height of the season in the New Albany plant, Rynveld said. Although a large number are shipped to the Caribbean, South America and South Africa, most will be sold to customers in the eastern United States.

"We turn out more wreaths for Christmas domestically made than anyone else," observed Rynveld.

Although Rynveld's volume business is in wreaths, the company also manufactures quality Christmas trees and a multitude of novelty items. Last year, Rynveld reported, a 20-foot Rynveld Christmas tree adorned the top of the Hilton Hotel in New York City and recently a Rynveld tree appeared on the front page of the J.C. Penny catalogue. Stores such as Hess's carry Rynveld trees and the company's novelty items are sold by Sears and Roebuck.

Rynveld immigrated from Holland with his parents and worked with them in the horticulture business in New York for a time. Then, 35 years ago while in his twenties he started the wreath business in New Albany.

Rynveld says he chose New Albany as a location for his wreath plant because of its easy access to ground pine, sometimes called princess pine. Stations were set up in locations throughout the state for the collection of ground pine.

"We used 2 ton a day when we started," he says, adding that now they use a lot of plastic.

Natural and plastic wreaths are manufactured in one building at New Albany and centerpieces and samplers are made at another, company vice president Lance Dunham explained.

Employee Gina Epler displays a natural wreath decorated with cones and wheat.

Since Christmas is their biggest season, workers begin making wreaths in March to be finished in time for Christmas. After Christmas, spring merchandise such as plastic and silk flower arrangements are constructed in time for Memorial Day, Valentine's Day and for Easter.

The word wreath is derived from an old English word meaning "to twist" and that is the essence of the wreath making process. A 2-foot high pack of 4-inch plastic bristles (usually green in color) are loaded into a machine dubbed "the brush spinner" by workers. The bristles are fed at a controlled rate and placed between two wires which are twisted at a high rate of speed to form the "branches" of the wreath.

The machine can be set to make wreath branches or to form one long continuous garland of bristles for wreaths. Garland is cut at specified intervals and the branches taken to a "tipper." The tipper uses steam to draw the bristles at the end of a branch outward over the wire so there are no wire edges visible.

Next, the 2-foot branches are loaded crossways into a jig with two wires placed longways and twisted by machine into shape. Uneven ends are then removed and the wreath goes to a wreath rounder which forms it into a perfectly round wreath shape. Lastly, the ends of the wreath are fastened together with a soft metal clamp. At this point the wreaths are ready to be decorated with natural foliage, bows, or artificial ornaments.

Natural wreaths are made entirely by hand using ground pine. Dye, softener and a preservative are added to the natural materials. Workers use wire to fasten the ground pine to a Styrofoam base to form a wreath.

Rynvelds employs another method to make branches at their Montgomery plant, where Christmas trees are the main product. PVC plastic arrives at the shop on huge rolls reminiscent, Rynveld says, of rolls of newsprint. The PVC plastic is then cut into long strips to the desired width, shredded on each side, and twisted with wire into a product that may be used for making wreaths or trees.

Herman Rynveld Jr., an immigrant from Holland, started a wreath company in New Albany 35 years ago.

"Customers like to see more natural foliage used as a decoration," says Dunham, commenting on current trends in their business. "They want a more quality item, a little more elegant and regal."

Wreaths are now made of grapevines and use such natural foliage as wheat, pinecones, statice, eucalyptus branches and feathers. The ribbons are no longer of plain colors, but are more likely to be prints and solids. One advantage of this, Dunham notes, is that they may be hung at other times of the year as well.

A new twist is always appreciated in the wreath business and to ensure that New Albany remains the wreath capital of the world, Rynveld says he has one. Although he would give no particulars, he says the company is "in the process of creating a product line which will differ from the past in order to get away from the competitive import merchandise."

Ephrata Cloister Candlelight Tours Recall History Of Religious Sect

BY SALLY BAIR
Lancaster Co. Correspondent

EPHRATA — Candlelight tours have come to be associated with the Christmas season, but the tours being offered next weekend at the Ephrata Cloister go beyond the traditional. There will be lots of candlelight, to be sure, but there will also be Indians, history and lighthearted drama.

The Cloister Chapter of Student Historians along with the Ephrata Cloister Associates are presenting tours on Friday, Saturday and Sunday evening (Dec. 26, 27, 28) and will offer a unique look at the Cloister and activities there during the winter of 1755.

According to Mike Showalter, who wrote the script and is directing this year's historical tour, the scripts used are based on historical fact. However, he added, "We have woven some imagination through."

During that winter there were Indian attacks along the frontier, which was as near to Ephrata as Harrisburg, the Susquehanna River and northern Lebanon. The attacks never came closer than 13 miles to the Cloister, but life there was affected because settlers from outlying districts came to the Cloister for protection from Indian attacks.

Showalter points out that historically it is known that settlers from the Tulpehocken area came to the Cloister seeking protection, and it is on these settlers that the drama centers. British soldiers had been sent to the Cloister to protect the inhabitants and the settlers from the Indians, but also, in part, to protect the Cloister from attacks by unfriendly neighbors.

Showalter notes that some neighbors did not like the pacifists who resided within the Cloister and felt Cloisters were unfaithful to their obligation to the state when they refused to fight the Indians. The sisters and brothers were thought to be weak and unfriendly by some.

Historically there is evidence that the settlers who sought refuge there stayed only briefly. Also, this haven was needed only during the very early stages of the French and Indian War.

To make the visitor feel a part of the action, Showalter mentions that the actors try to include them in the drama. Visitors are actually taken back in time, and asked to go through the Cloister in that guise. It is not easy for the actors to speak directly to the visitors to get them involved, but when visitors become a part of the story, it makes it more meaningful for everyone. Showalter notes, "Some people really get into it, and they can have a lot of fun."

The drama's characters escort visitors from one building to another, and they meet both residents of the Cloister and Captain Anderson, the British commander who was in charge of the British soldiers headquartered there. Showalter calls the performance a "moving play," explaining that groups are taken to specific locations within the Cloister.

Nadine Steinmetz, curator for the Cloister, says, "These Christmas programs have become pretty popular. Attendance has practically tripled in the last few years, and it is a wonderful thing." Showalter attributes part of the larger attendance to increased publicity and to mild weather. Plus, he says, "People are getting to know about it."

Showalter notes that there is no evidence that the sisters and brothers of the Cloisters celebrated Christmas, though it is speculated that they may have had a love feast.

Showalter, who has been involved in the Cloister for seven years, says, "We try to select an event which happened in the winter" as the subject for the tours.

Following the presentation by the Junior Historian actors, visitors are offered refreshments in the visitor center auditorium.

Proceeds from the tours are set aside by the Student Historians who three years ago planned to develop a children's corner where young visitors can try on the garb of the period and have other "hands-on" experiences. Showalter said there is now a nice "nest egg" to help make the project a reality.

Reservations are encouraged because each group can be no larger than 30 people to ensure maximum participation and effectiveness. Tours leave on the half hour from 7 to 8:30 p.m. and reservations can be made by calling the Cloister at (717) 733-4811.

These are a few of the actors who will be part of the candlelight tours being offered at Ephrata Cloister on Dec. 26, 27 and 28. Michelle Deetz is seated and is surrounded by, from left, Mike Showalter, Marc Campbell, Pete Kovach and Chris Lausch. Mike is directing the performances and the others are members of the Student Historians.

Adams County 4-H'ers Showered With Awards At Achievement Night

GETTYSBURG — Adams County 4-H members were honored recently at the Annual 4-H Achievement Night. Special memorial leadership awards were presented to Mitch Reaver, Littlestown, ABC Williams Award; Kathy Todt, Hanover, Rose Murren Award; Janet Ludwig, York Springs, Lois Smith Award and Mrs. Edward Snyder Award; Laura McHugh, York Springs, William Miller Award; and Karl Tyson, New Oxford, Robert Lott Award.

Eight other members were awarded the national "I Dare You" Leadership Award. These 4-H members were honored for excellence in character, and balanced personal development and leadership potential. Those who received the award were: Tara Petry, York Springs; Gayle Weant, Littlestown; Melanie Kuntz, York Springs; Alysia Koufos, York Springs; Andy Meckley, New Oxford; Amy Brodbeck, East Berlin; Kristin Mummert, East Berlin; and Jacki Sterner, Gettysburg. Each recipient received a copy of William H. Danforth's book, I Dare You. The book presentation was made by the American Youth Foundation and York Farm Credit Service.

Eleven-year members recognized were Margaret Coldren, Abbottstown; Tom Dunchack, Littlestown; Angie Hawn, Gettysburg; Jacki King, York Springs; Jennie Hess, Gettysburg; Amy Sherman, Abbottstown; Steve Steele, Littlestown; and Kathy Todt, Hanover. Ten year members recognized were Carol Nell, Gettysburg; Tad Kuntz, Gardners; Mitch Reaver, Littlestown; and Jenny Weimer, Gettysburg.

4-H members also received recognition in specific 4-H National Award program areas. The award was based upon the member's comprehensive record of activities in 4-H and their excellence within the specific program area. Those who received recognition were: Achievement area– Jeanne Smith, Abbottstown; Bobbi Smith, Abbottstown.

Dairy area– Janet Ludwig, York Springs; Jenny Weimer, New Oxford; Kathy Todt, Hanover; Chris Todt, Hanover.

Electric Energy area– John Morton, Biglerville. Entomology area– David Smith, York Springs. Foods Nutrition area– Gayle Weant, Littlestown.

Gardening area– Janet Ludwig, York Springs. Home Environment area– Bobbi Smith, Abbottstown; Pam Hawn, Gettysburg; Daniel Blocher, Gettysburg.

Leadership area– Tad Kuntz, York Springs; Karl Tyson, New Oxford; Tad Kuntz, York Springs; Janet Ludwig, York Springs; Jeanne Smith, Abbottstown.

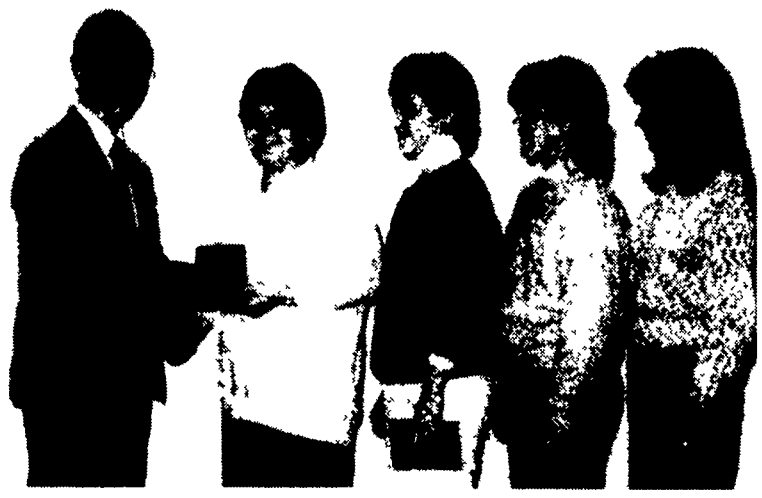
Petroleum Power area– Larry Feeser, Jr. Photography area– Scott Gibson, New Oxford. Poultry area– Jenny Shetter, Gettysburg. Recreation area-- Brandon Markle, East Berlin.

Safety area– Larry Feeser, Jr.; Karl Tyson, New Oxford; Tad Kuntz, York Springs. Sheep area– Tom Dunchack, Littlestown; Kathy Grim, East Berlin; Earl Wilkinson, Gettysburg.

(Turn to Page B18)

Special Leadership Awards were presented to, from left, Mitch Reaver, Littlestown; Kathy Todt, Hanover; Laura McHugh, York Springs; Janet Ludwig, York Springs; and Karl Tyson, New Oxford.

Receiving National I Dare You Awards, were, from left, Jacki Sterner, Gettysburg; Tara Petry, York Springs; Kristin Mummert, East Berlin; and Andy Meckley, Abbottstown. The honor was presented by John Weaner, Farm Credit Service, at ceremonies held at 4-H Achievement Night.



I Dare You Awards were presented to, from left, Gayle Weant, Littlestown; Melanie Kuntz, Gardners; Amy Broderick, East Berlin; and Alysia Koufos, York Springs. John Weaner, Farm Credit Service, far left, presented the awards.

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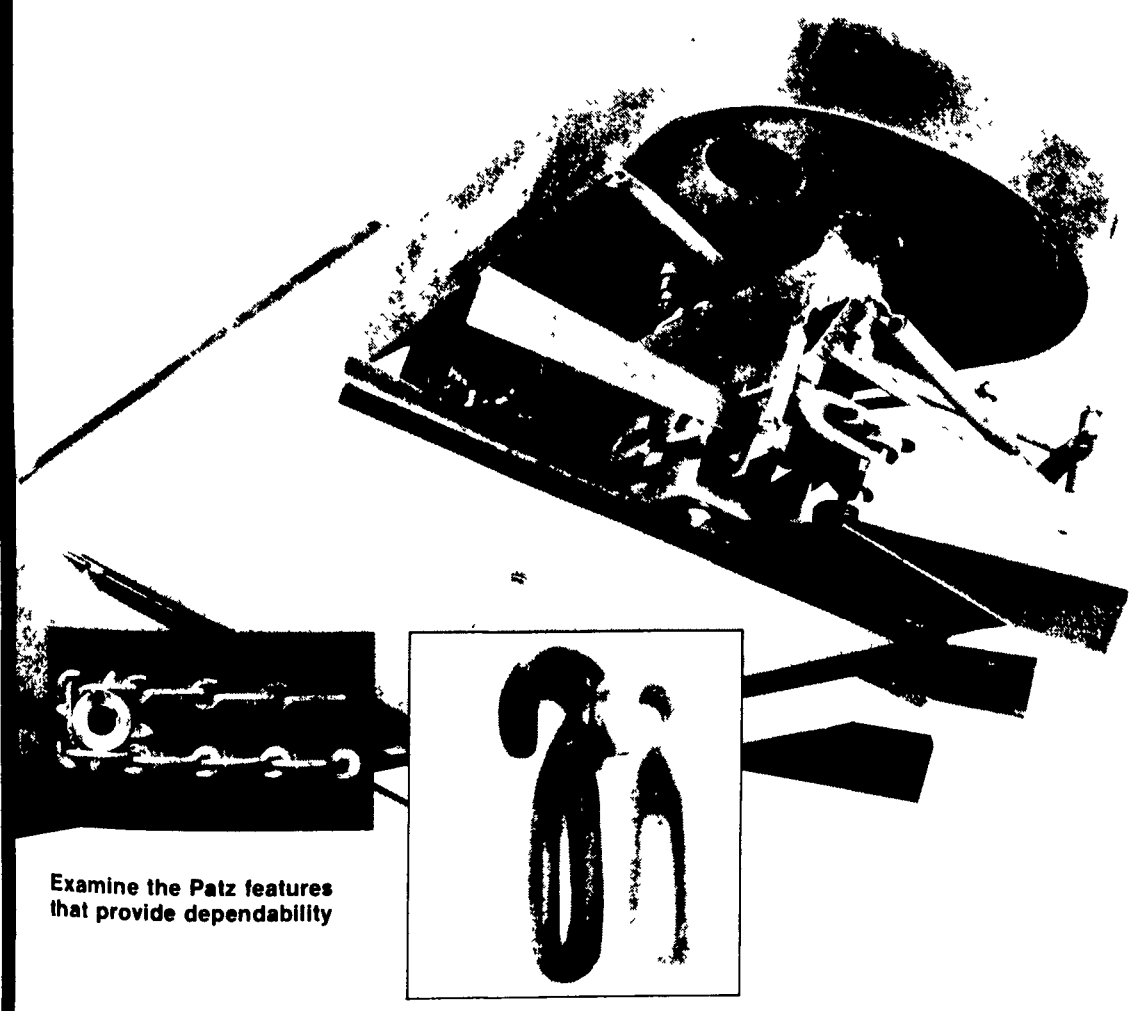

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Duboistown United Methodist Church pastor John Shellenberger and his wife, Merri, portray Joseph and Mary in a re-enactment of the Nativity.

Duboistown Church Members Re-enact The Nativity

BY BARBARA MILLER
Lycoming County Correspondent

WILLIAMSPORT — Adding new dimensions to the traditional nativity grouping was a live nativity scene performed outdoors by members of the United Methodist Church in Duboistown Saturday night. During a half-hour of narration and carols, even the elements cooperated to lend a note of realism to the re-enactment of the birth of Christ.

Casting its beams over the scene, the full moon was a handsome stand-in for the star of Bethlehem as the audience braved the single-digit temperatures to watch.

After Mary and Joseph entered the stable at Bethlehem, Mary chose a corner of the stable in which to lie down. Joseph scurried to make her comfortable on the straw. Soon, from under the blankets, Joseph drew a baby. He cradled the baby in his arms as he wrapped him in warm clothing.

Then, the young couple behaved as parents of any newborn, proudly showing off their offspring to visitors — in this case, shepherds and wise men.

"It's one thing to say she brought forth the Christ child, but another to live through the labor," observed John Shellenberger, pastor.

According to Shellenberger, retired minister, Reverand Leland Keemer and his wife, Ginger, area residents, developed the play and created the props. The nativity involved a cast of 19 church members, but will ultimately involve almost every member of the hundred-member church.

The re-enactment will be performed again on the evenings of Dec. 20 and 21 with an entirely new cast each night. Other church members contributed by sewing costumes, directing, and taking care of refreshments.

Shellenberger said his purpose was to involve people in the Christmas story so they could focus away from the glitter and glamour and on the Christ child. Shellenberger and his wife, Merri, acted the parts of Joseph and Mary.

Holidays Are Stressful For Some

NEWARK, Del. — While the holidays bring good cheer to most, some people find this time of year to be trying and stressful.

"For many people, the holidays are a difficult time because of personal troubles, strained family relationships and painful memories," says Deborah Amsden, University of Delaware extension home economist.

Amsden mentions five groups of people for whom the holidays are apt to be hard to handle.

• Many working mothers spend 40 hours a week on the job and another 30 hours a week on household chores. And still they feel they must do all of the holiday extras, says Amsden.

• Young families who are living on a tight budget nonetheless want to buy gifts. "The list of gifts and unexpected expenses can cause them to use their charge cards to the maximum limit," she says.

• Older people on fixed incomes still want to "do a little something" for everyone in their ever growing family. "The list increases—but not their resources," says Amsden.

• Single parents are often stressed because they must share time with their children with the noncustodial parent, stretch their dollars to meet holiday desires and try to maintain conflict-free communication with their ex-mates.

• Single adults who believe that everyone else in the world is surrounded by loved ones during the holidays may feel lonely or even depressed, the home economist says.

"Take a serious look at your traditions," Amsden says. "Traditions are an important source of stability and togetherness, but they can also be stressful.

"If the traditional family dinner, party or get-together is the source of your distress, think of a different way of doing things with people who are important to you," she says. "You might develop a new tradition that will better fit your lifestyle and needs."

Extension Conducts Survey

WILKES-BARRE — Pennsylvania State University's Luzerne County Cooperative Extension Service is conducting a needs survey prior to scheduling a seminar on small business at home or away.

This survey will address anyone interested in learning about starting a small business such as crafts, in-home sewing, food preparation, or stop and shop businesses. The survey will also address people who are already in a small business and need help in marketing and financing details.

To receive a survey form contact the Pennsylvania State University's Luzerne County Cooperative Extension Service at 5 Water Street, Courthouse Annex, Wilkes-Barre, PA 18711, phone 825-1701 or 459-0736, Ext 701.

Adams County 4-H Achievement Night

(Continued from Page B17)

Wood Science area– Tad Kuntz, York Springs; Donna Lemmon, New Oxford; Mark Hinkle, East Berlin. Agriculture Careers area– Tim Dunchack, Littlestown.

Fashion Revue area– Pam Becker, East Berlin; Shelly Bitler, East Berlin; Kathy Grim, East Berlin; Carol Hill, Gettysburg; Alysia Koufos, York Springs; Jacki King, York Springs; Noel King, York Springs; Janet Ludwig, York Springs; Gayle Weant, Littlestown.

Personal Development area– Karl Tyson, New Oxford. Outstanding 4-H Member area– Tad Kuntz, York Springs; Karl Tyson, New Oxford.

Five of these National Award winners were designated state winners. Tad Kuntz, York Springs, Leadership; Karl Tyson, New Oxford, Achievement; Janet Ludwig, York Springs, Gardening; Amy Rodgers, Abbottstown, Citizenship; and Tom Dunchack, Littlestown, Agriculture Careers Scholarship area. These five 4-H'ers represented Adams County and Pennsylvania at National 4-H Club Congress, held in Chicago. They joined over 1,500 4-H members from across the nation to receive honor and recognition for their accomplishments in 4-H.

The Achievement Night was hosted by the Adams County 4-H Senate President, Karl Tyson. The 4-H Dairy Club served refreshments after the awards presentations.

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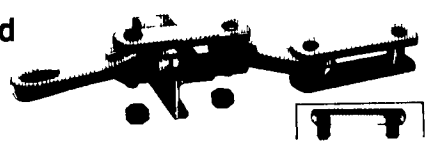

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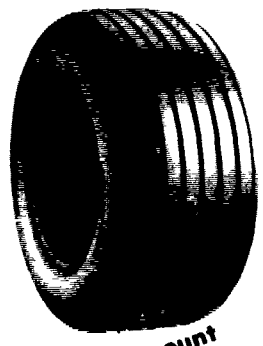

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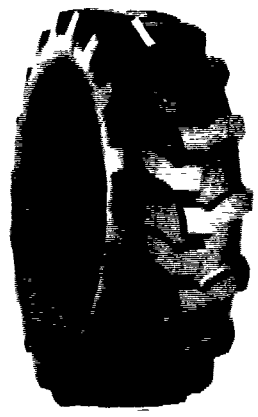

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1300x24 12 Ply	$245 00
1400x24 10 Ply	$255 00
1400x24 12 Ply	$280 00

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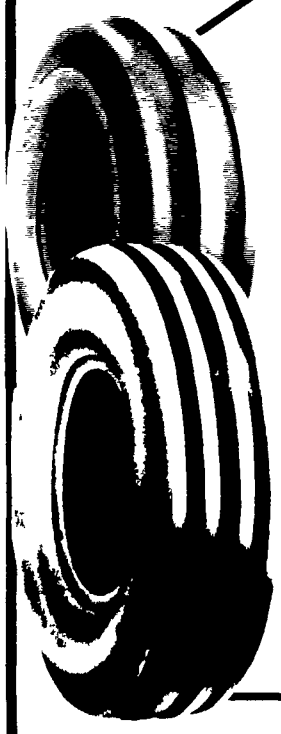

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11 00 16 6 Ply	$108 00
11 00 16 (TL) 6 Ply	$110 00
11 00 16 8 Ply	$108 00
11 00 16 (TL) 8 Ply	$123 00
14L 16 1 (TL) 6 Ply	$180 00
14L 16 1 8 Ply	$164 00
16 5L 16 1 (TL) 8 Ply	$250 00

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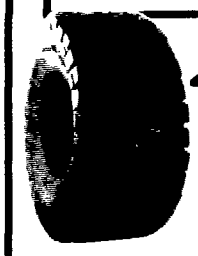

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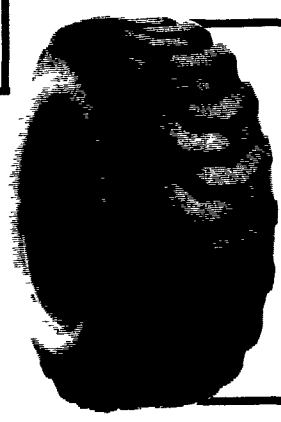

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13 6x28 8 Ply	$195 00
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16 9x30 6 Ply	$240 00
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23 1x30 8 Ply	$650 00
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15 5x38 6 Ply	$235 00
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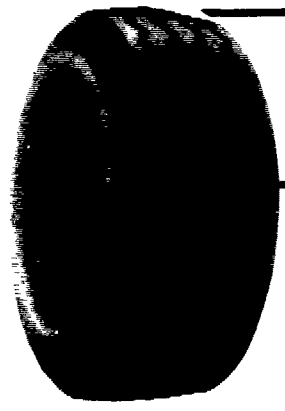
18 4x38 8 Ply	$380 00
20 8x38 8 Ply	$520 00



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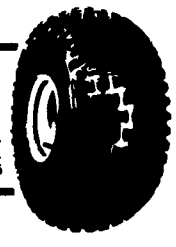

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Farm Women Societies

Lancaster Society 22

Members of Lancaster Society 22 got into the spirit of Christmas by singing Christmas carols to the residents of Landis Homes. Prior to caroling, they met at the home of Barbara Byler for a business meeting and a cookie exchange. Co-hostess for the evening was Bonnie Rohrer.

Plans were made for attending the state Farm Women Convention in January. The next regular meeting of the Society will be held Jan. 20 at 1 p.m. at the home of Pat Landis.

Lancaster Society 25

Thirty members of Lancaster Society 25 along with their husbands and friends attended a Christmas party Dec. 13 at Wenger's, 1516 Lititz Pike.

Members and guests enjoyed a covered dish dinner. Mary Roland read the Christmas story.

Mrs. Robert Hostetter of Millersville showed the film, "A Magnificent Dream." It was a pictorial presentation of the Landis Valley Museum and the Heritage of Lancaster County as produced by John and Dorothy Glass.

As a Christmas project, members sent a donation to the Daryl Bloom Trust Fund.

Laban Byers led the group in singing Christmas carols.

The January 10 meeting will be devoted to sewing cancer pads at the home of Lois Hess, 309 Sprecher Road, Lancaster.

Lebanon Society 20

Members of Lebanon Society 20 met recently at the home of Beatrice Mull with 19 members present.

Three members will attend the state convention in January at the Farm Show. The Spring Rally will be held May 20 at Elizabethtown College.

Members decided to donate to the Jayson Silverman Fund. Everyone also brought two articles of food to be given to a needy family at Christmas time.

Secret pals were revealed and gifts exchanged. The hostess served delicious refreshments. The January meeting will be held at the home of Ellen Ream.

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Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

Select A Dryer To Meet Your Needs

In the "good old days" of laundry and clothing care, Monday was wash day, and in addition to the washing machine, everyone had a clothes line for drying the laundry. Those "good old days" don't seem so wonderful when one remembers the drawbacks of air drying. Remember towels that felt stiff and boardy? Remember clothes that had to be retrieved from every corner of the yard when the wind blew? Remember how it took days to dry a pair of jeans in the basement during icy winter months?

Today's gas and electric dryers have solved those problems and make drying the laundry as simple as pushing a button. And, for those who are shopping for a dryer, you should consider several key questions about your lifestyle and drying needs before making your purchase.

First, it's important to select a dryer large enough to handle the full load that you take out of your washer. Dryers come in compact, standard and large capacity sizes. Consider a large capacity model if you plan to dry bulky items, such as blankets or draperies.

Next, look for a dryer that offers different heat levels and also special cycles for today's fabrics such as permanent press, knits and cottons. Your clothes will look better and last longer when they are dried in the proper environment.

Also, for busy families who can't always unload the dryer as soon as it stops, consider a model that periodically continues to tumble clothes in room temperature air after the cycle ends. This intermittent action helps prevent wrinkling of load items, keeping clothes fresh until they can be unloaded.

Other features to consider when dryer shopping include wide door openings for easy unloading and loading, a signal that alerts you when the lint filter needs cleaning, and controls that are easy for all family members to use.

Take into account all the factors you or your family need to meet in drying laundry, and you'll be sure to pick the automatic dryer that best meets those needs. And that will help make these days the "good old days" of laundry.

The Attributes of Copper

Copper is an ideal metal for top-of-range cooking since it conducts heat uniformly and quickly. Because of its efficient heat distribution, copper may be applied by an electrolytic process to the bottom of a stainless steel utensil. The metal may also be laminated or bonded to stainless steel or other metals. Another process used to achieve heat uniformity is to sandwich copper between two layers of stainless steel.

Copper serving utensils keep foods warm. But since copper itself discolors food on direct contact surfaces are lined with stainless steel, tin or coated with a nonstick finish. While the discoloration is not a health hazard, it gives food an unappetizing appearance.

To clean copper, wash in hot sudsy water, rinse with hot water and dry with a soft cloth. In order to remove any heat discoloration or tarnish buildup, use a copper cleaner for periodic cleaning. First rinse the utensil in hot water, then apply the cleaner with a clean, damp sponge or soft cloth. Use a circular motion to spread the cleaner over the surface of the utensil. Then rewet the sponge or cloth to remove the cleaner. Rinse the utensil in hot water, wipe and polish dry with a soft cloth.

Decorative copper objects also require regular cleaning but a cleaner should only be used on unlacquered metals. Wash lacquered pieces in sudsy water. Use a soft bristled brush to reach recessed or embossed surfaces.

Austria Buys U.S. Dairy Products

WASHINGTON – A sale of $3.5 million worth of nonfat drymilk to Austria was announced by Melvin E. Sims, general sales manager for the U.S. Department of Agriculture's Foreign Agricultural Service.

The sale was made by the Commodity Credit Corporation to the Osterreichischer Molkerei-und Kasereiverband (OEMOLK), an Austrian firm. The nonfat dry milk will be used to feed calves.

The sale is for 22 million pounds of standard grade nonfat dry milk which was produced from July 1, 1982 to June 30, 1983. Delivery will be made from January through June 1987, according to Sims.

As of Oct. 7, CCC had 537 million pounds of extra grade nonfortified nonfat dry milk in its inventory available for use as human food and 45 million pounds of standard grade nonfat dry milk. The sale of Austria represents about half of the CCC standard grade inventory.

FWS Calendar

Saturday, December 20
Lancaster Society 3 meets for music by Allegra and Evelyn and a dialogue titled, "Three Women of Bethlehem."

Saturday, December 27
Lancaster Society 5 meets for a Christmas program.

Cumberland Co. Executive Board

The Cumberland County Farm Women Executive Board met Dec. 8 at the county extension office in Carlisle.

Thirty-three members, including incoming and outgoing group presidents, attended. County president Mary Weir conducted the meeting.

Members reviewed the Nov. 8 convention, discussed visits to Claremont Farms, and voted to contritube to the 4-H to show appreciation for use of extension facilities and to encourage young people. Plans were made for the 1987 state convention.

Following the business meeting, officers of the executive board served a luncheon.

Whipped cream cheese can be placed in a pastry tube and used to decorate canapes and crudites.

Mocha Whipped Cream is a delightful filling for eclairs or cream puffs. It also adds unique flavor to chocolate cream pie, sundaes and other desserts. To make 2 cups, add 2 tablespoons each cocoa and confectioners sugar and 1 tablespoon instant coffee granules to 1 cup whipping cream. Stir to combine. Chill 30 minutes. Whip until stiff peaks form.

With warm gratitude, we wish you peace and ask His blessing for you during this Special Season and throughout the New Year!

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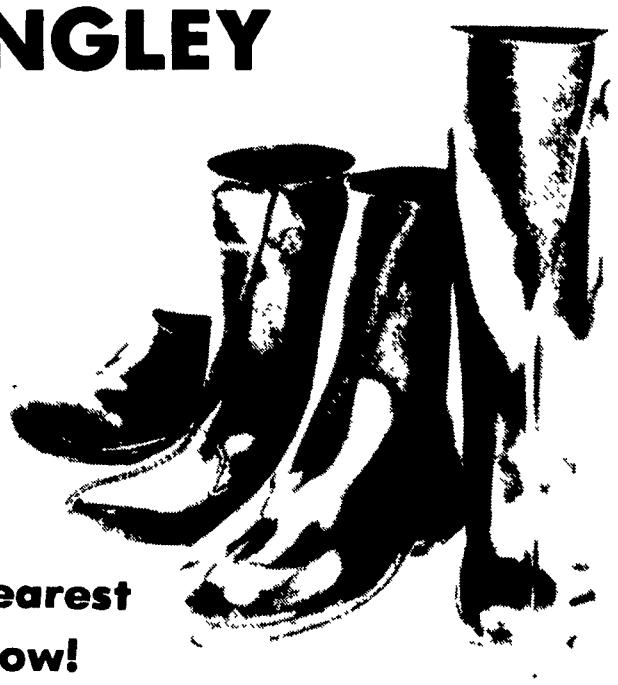

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Achievement Awards Presented To Bucks County 4-H'ers

DOYLESTOWN — An enthusiastic crowd of Bucks County 4-H members and parents enjoyed an entertaining magic show at the annual County 4-H Awards Night held Dec. 5 at Delaware Valley College.

The program was designed to honor and recognize 4-H members and leaders for their achievements during 1986.

Special awards were given to young 4-H members based upon their leadership and enthusiasm. Award winners were: Amy Plummer, Doylestown; Michael Squillace, Newtown; Danny Miller, Doylestown; Susan Radomski, Chalfont; Suzanne Miller, Doylestown; Erik Woodruff, Doylestown; J.J. Dabbs, Newton.

4-H'ers honored for helping teach younger members in the Teen Leader area were: Ann Marie Dickson, Richboro; Jenny Fisher, Quakertown; and Kathy Moss, Perkasie.

Volunteer 4-H leaders receiving special recognition for years of service: 10 years- Chris Dickson, Richboro; Lois Buckman, Perkasie; Debra Keller, Quakertown; Victoria Schussler, Doylestown; 15 years- Clarence and Nancy Hottle, Coopersburg; 20 years- Marianne Bishop, Fountainville.

Steve Keifer and Glen Hartz, from Farm Credit Association, Silverdale, donated and presented livestock trophies to the following: Brian and Greg Scheffler, Springtown; Catherine Dalton and Nicole Guzzo, Yardley; Jill Eurich, Perkasie; Erik Woodruff; Doylestown; Bill Scott, Pineville; Julie Leatherman, Ottsville; Kathy Moss, Perkasie; and Kelye Kunz, Pineville.

A special Friend of 4-H Award was presented to local dairy farmer Harold Haldeman. Haldeman has been active in assisting 4-H dairy project members on a countywide basis for over 15 years.

A top award for the evening is presented to 4-H'ers with Outstanding 4-H Achievements at the club, county and state level. Karen Lunova, daughter of Paul and Helen Lunova, Churchville, received this year's award. Lunova has been an outstanding 4-H member for nine years. Among her activities she lists county council president, 4-H camp counselor, and participation in state events and competitions.

Numerous other awards were presented during the evening.

The Bucks County 4-H program is an educational youth program for all youth ages 8-19. The program is conducted by the Cooperative Extension Service and Penn State University. For more information call 345-3283.

Flowers Of Christmas Have Long Traditions

WASHINGTON, D.C. — Decking the halls with holly or hanging mistletoe are nothing new, according to **National Wildlife** magazine. These and other plants and flowers that we associate with Christmas have long traditions.

In ancient Rome, holly wreaths were sent to newly married couples to express congratulations and good will. Like other peoples around the world, the Romans believed holly warded off evil spirits. In England it protected against witches, dogs, and wild beasts. At Christmas, every house, church, street corner, and market place in London was decorated with holly. Upon discovering holly in America, the early settlers were overjoyed to find a touch of "home" in the new land.

The Indians of Pennsylvania used holly as a badge of courage, while New Jersey Indians used the wood for tomahawk handles. Tribes to the south drank holly tea to give them strength.

Mistletoe has an equally ancient history. Druids used the plant to cure many ills, and Indian tribes chewed the leaves to relieve toothaches. In recent years a drug was derived from mistletoe to lower blood pressure.

The custom of kissing under the mistletoe comes from the Norse legend of Balder, the sun god. Fearing for her son's life, Frigga extracted promises from every living thing not to kill Balder. Unfortunately, she forgot the mistletoe.

The rival god Loki made a sharp arrow of mistletoe wood and shot Balder. As the myth goes, Balder's light (the sun) lessened, and Frigga's tears turned to mistletoe berries. So impressed were the gods that they saved Balder. Frigga was so overjoyed that she kissed everyone who walked beneath the mistletoe.

In Mexican homes, the poinsettia is known as "Flor de la Nochebuena" — the Christmas Eve flower. And in homes across America, this colorful plant has become as much a part of Christmas tradition as the Christmas tree.

Americans inherited the tradition of highlighting Christmas

(Turn to Page B22)

Delaware 4-H'ers Receive Public Speaking Awards

NEWARK, Del. — Two Kent County young people recently took first place in both the junior and senior divisions of the Delaware 4-H public speaking contest.

The state finals of the contest were held in Dover at the annual Capital Grange youth night Dec. 2. Five semi-finalists from all three Delaware counties competed.

Bambi Biggs, Felton, won first place in the senior division with her speech "Farewell To 4-H." Bambi, who has awarded a national 4-H careers scholarship this month on the basis of her public speaking performances, is a member of the Viola Fireflies 4-H Club.

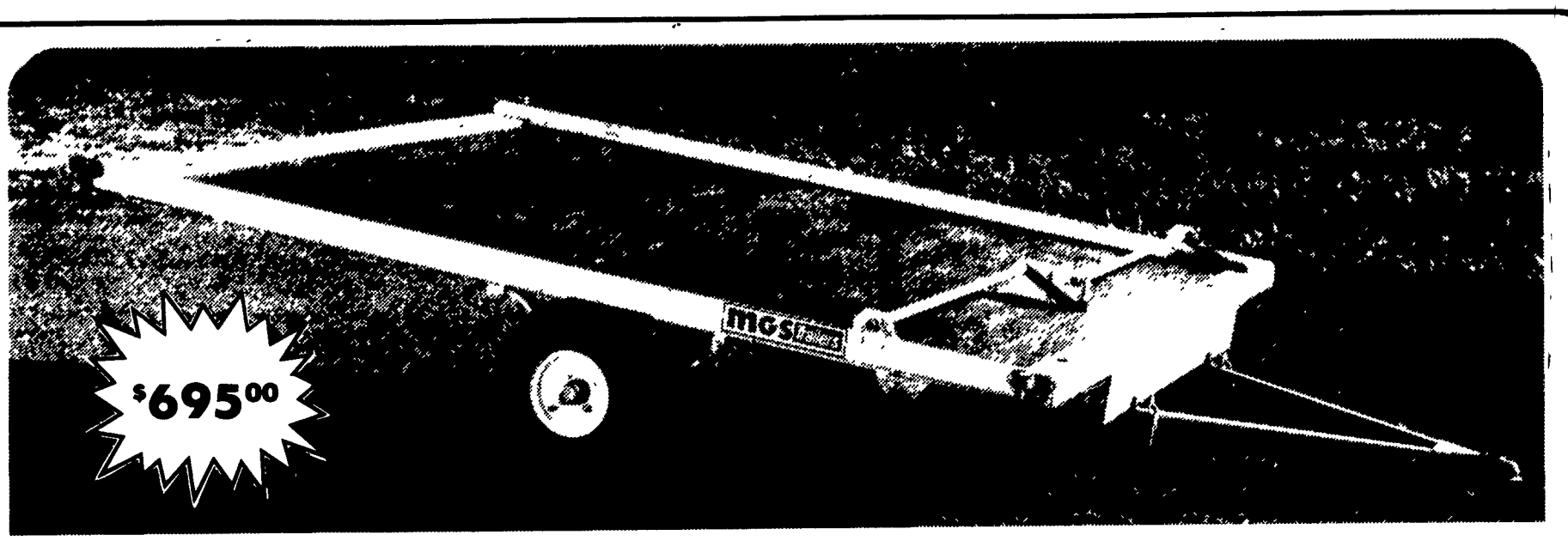
The first place winner for the junior division was Beth Sapp, Harrington, who spoke on "A Very Rewarding Career." Beth is a member of the Peach Blossom 4-H Club.

Second place, senior division, went to Janelle Taylor, Seaford, who spoke on "Deaf, But Not Dumb." Sharine Nisar, Newark, won third place, senior division, for her speech on "Aging."

The winner of the second place award, junior division, was Chad Nelson, Newark, with his talk "Getting The Green For Your Club." No award was given for third place junior division.

Judges for the contest were Jane Brady, deputy attorney general of Delaware, and Shirley Jarrell, a teacher at Caesar Rodney Junior High School in Camden-Wyoming.

Beaming winners Bambi Biggs, Felton, left, and Beth Sapp, Harrington, right, recently received their state-wide 4-H public speaking awards from Delaware 4-H leader Marcius Butterfield. Bambi won first place in the senior division with her speech "Farewell To 4-H." Beth, first place winner in the junior division, spoke on "A Very Rewarding Career."



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Keener Honored As Franklin Co. Shepherd Of The Year

CHAMBERSBURG — Christiana Keener, 7920 Nyesville Road, Chambersburg, was named "Shepherd of the Year" when the Franklin County 4-H Shepherds held its awards dinner recently. The year-end meeting is held annually at Trinity Lutheran Church, Chambersburg, to recognize the achievements of the junior sheep producers in various categories.

As a six-year member of the Shepherds, Christiana has taken full responsibility for the care of her family's flock of sheep for the past five years doing feeding, giving immunizations, delivering and caring for newborn lambs as well as ewes and lambs. In addition, she has served as an officer in the club and has actively promoted the lamb and wool industry during the past two years.

A sophomore at Chambersburg Area Senior High School, she was presented with a solid black walnut plaque made by Mark Keener. The plaque will be a traveling trophy given to future "Shepherd of the Year" recipients. The plaque included the names of Keith Bitikofer, winner in 1984, and Delmar Lehman, 1985 winner.

Kelby Mowery, 3355 Lime Kiln Road, Chambersburg, was named the most improved Shepherd for his excellent work in caring for his market lambs, his improved fitting and showmanship abilities, and his work as an officer with the club.

Rachel Coady, Spring Run, received the award for the best market lamb project book, while Julie Dice, Greencastle, had the best Teen Leadership project book.

Winning the weight-gain competition for market lambs were Lee Golden, Greencastle, first place; Rachel Coady and Delmar Lehman, second place; and Lee Golden and Rachel Coady, third place.

Kelly Boyd and Julie Dice were given awards for the best fund raisers for the club.

Four members of the Shepherds were recognized for demonstrations given during the year. Gretchen Schoenberg, Shippensburg, participated in County Demonstration Day with her illustrated talk about being a club news reporter. Kelly Boyd, Chambersburg, competed at both county and regional levels demonstrating how to make rope halters. Kelby Mowery's demonstration entitled "How to Raise a Market Lamb," and the lamb and wool promotional talk entitled "Lamb, Wool ... Superb!" of Christiana Keener, were presented at State 4-H Achievement Days at Penn State. Kelby won a red ribbon, and Christiana won a gold medal.

Enameled Suffolk pins were presented to Franklin County Lamb and Wool Queen Heather Fusting and Princess Kimberly Bixel.

Other recognition was given to Teen Leaders Kim and Ken Bixel, Kelly Boyd, Julie Dice and Christiana Keener; to club officers, president, Julie Dice; vice-president, Christiana Keener; secretary Kelby Mowery; treasurer, Kim Bixel; news reporter, Gretchen Schoenberg; and social chairman, Craig Fusting.

Members recognized for their achievements during the club year included Roundup winners: grand champion, David Keener; reserve champion, Delmar Kelman; light heavyweight champion, Bobby Martin; medium weight champion, Ken Bixel; and light weight champion, Donnie Sheiss. Having the grand champion lamb at the Franklin County Fair was Roger Carbaugh, Mercersburg; Donnie Sheiss had the reserve champion.

David Sheiss, Kim Bixel and Donnie Sheiss took honors in roundup showmanship competition and fitting competition winners were Rachel Coady, Rick Fusting and Ken Bixel.

Alton Good, former club leader and a guest at the dinner, was thanked for his continued help and support of the club.

The Franklin County 4-H Shepherds will reorganize at the County Extension Office in January 1987.

Poinsettias Add Natural Beauty To Holiday Decorating Schemes

YORK — This holiday season — enjoy a poinsettia. Poinsettias often appear early in December and can provide early holiday decorations for your home. By buying poinsettias early in December, finding healthy plants that last longer are easier to locate. Many retail stores, greenhouses, garden stores and flowershops have varying sizes, single or multiple bloom plants at varying prices. Here are some tips on their selection and care.

• When buying a poinsettia, look for foliage that is full, in good condition and of proper color. Many of the new varieties are shorter, stockier and fuller. Leaves should stick out at a 90 degree angle from the stem. If the leaves droop, or leaves are yellowing and falling off, don't waste your money.

• Examine the blooms in the center of the poinsettia. The small yellow button sized flowers should just be opening at the top. Select plants with numerous small flowers beginning to bloom, indicating growth potential. Plants with large blooms may look prettier, but they have already reached their peak and may start to decline fast.

• When selecting plants for good color, bracts should be bright, but not brilliant. Blooms that appear brilliant will not last long.

• Your best guarantee of quality is to buy a plant from a reliable florist, nurseryman, or garden center.

• Before making your trip home with a poinsettia, make sure it is protected from chilling injury. Put big sheets of paper or a large plastic bag into an empty box. Then prepare the poinsettia by loosely wrapping the leaves and bracts in strips of soft cloth. Lower the plant into the box and pull the package into a warmed car. Make sure the plant is placed on a seat. Otherwise, it will get too cold.

• On arrival, if you think the flower has become chilled, immerse the pot—soil and all—into lukewarm water. When the bubbles stop, lift the pot and allow it to drain. Repeat the dunking. This will bring soil temperature up to room temperature and may save a chilled plant from dying.

• Avoiding extremes is the most important thing to remember when you get the plant home, keep it in a cool area, with no drafts. The plants should receive morning or early afternoon sunlight.

• The soil should be moist but not soaked. When the soil surface becomes dry, give the plant enough water so that some will pass through to the bottom of the container. Make sure the plant has sufficient drainage: it should not be sitting in water. If, for example, the pot has foil around it take the foil off and put the pot in the sink to water it. Overwatering has killed many poinsettias in the past.

• Contrary to popular opinion, poinsettias are not programmed to die as soon as the holidays are over. When the blooming is over, gradually stop watering. Just keep enough water in the soil to prevent the roots from drying out.

Poinsettias are still a real bargain today thanks to the research work done by plant scientists and breeders. The lasting affect of the poinsettia is a tremendous characteristic which gives home decorators the chance to use a blooming plant throughout the winter months. With proper selection and care, poinsettias can last until Easter and sometimes into May.

Flowers Of Christmas

(Continued from Page B21)

with poinsettias from our Mexican neighbors. Numerous legends attempt to explain its popularity there. According to one, many years ago a young child in Cuernavaca wept because she had no flowers to place at the manger.

An angel appeared to the child and directed her to pick a weed from the roadside, place it before the altar, and wait. The child obeyed, and soon after the weed was placed at the Nativity scene, it was transformed into a tall, beautiful plant bearing the whorl of scarlet leaves that became the poinsettia.

The plant was introduced into the United States about 1830 by Joel Roberts Poinsett, the first U.S. minister to Mexico and an able botanist. After supplying his own greenhouses in Greenville, South Carolina, he distributed plants to his friends and to botanical gardens.

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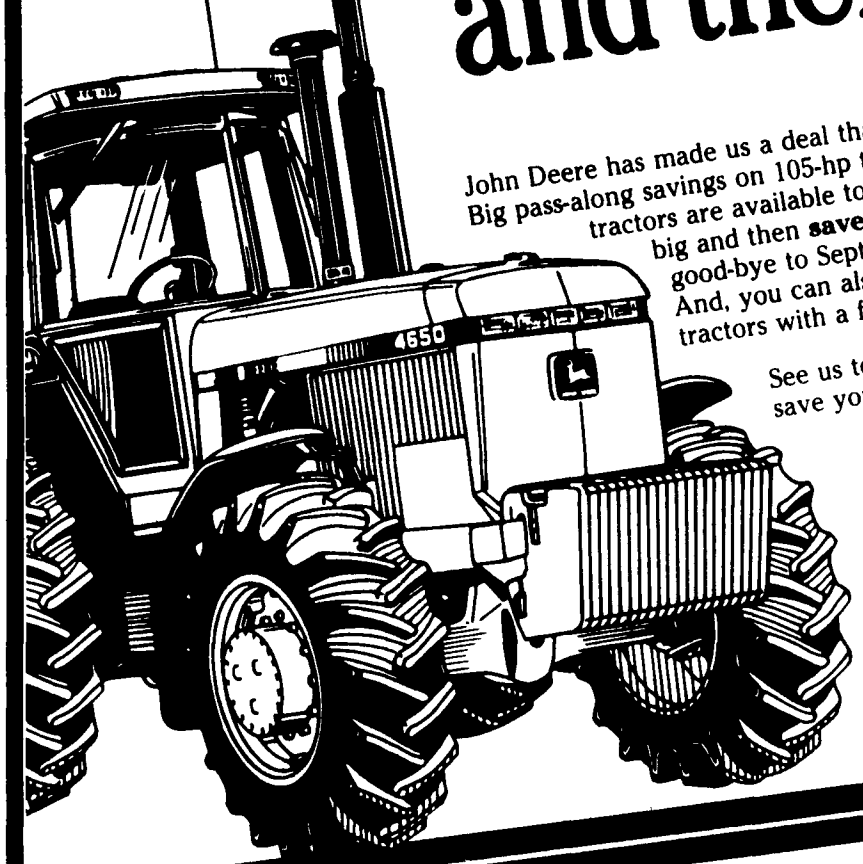

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Milk Call Provision To Be Considered

NEW YORK – Market Administrator Thomas A. Wilson announced a meeting on what is commonly referred to as the "call provision" under the New York-New Jersey Milk Marketing Orders.

This provision, Section 1002.27(g), may be activated to insure that handlers regulated under the Orders will supply sufficient quantities of bulk farm milk for the Class I fluid market.

Wilson stated that the purpose of the meeting is to receive dairy industry testimony pertaining to the information he should use in determining the required percentage of Class I utilization which must be met by all Order No. 2 pool plants and pool units for the months of January and February 1987.

The meeting will be held in the Empire Room of the Hotel Syracuse, 500 S. Warren Street, Syracuse, New York at 9:30 a.m. on Dec. 22, 1986.

For activating the call provision, the Orders require that the Market Administrator issue a schedule setting forth, by months, the minimum percentage of Class I use required for plants and units. Wilson further stated that any handler's designated pool plant or pool unit that did not meet this percentage would have its designation or pool status cancelled or suspended.

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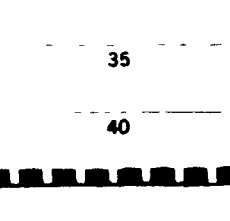

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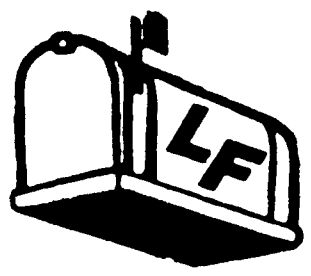

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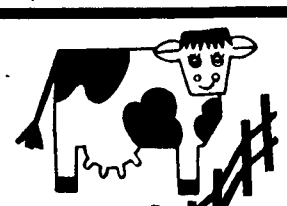

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Highcroft's fiberglass drinkers are specially insulated require no electricity or heat to prevent freezing Hold ground water temperature, summer and winter Rugged, uncomplicated design for long service Easily connected to present water line

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$2.00/Bag **$2.80**/Bale
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Dry Wood Shavings And Saw Dust Mixed
1,000 or 1,500 cu. ft. loads
Less than ½ The Cost of Staw
Will Go Farther & Keep Cattle Cleaner
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Cattle will treat lice as needed.
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7 LIVESTOCK EQUIPMENT

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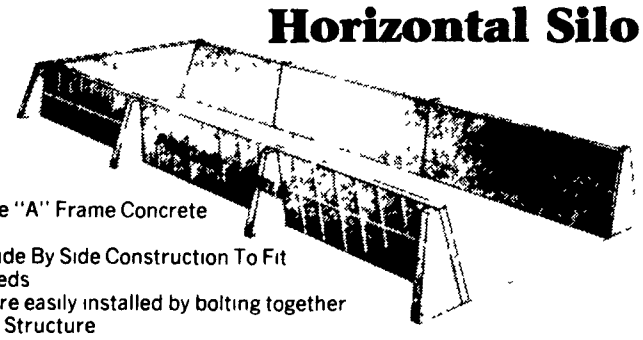

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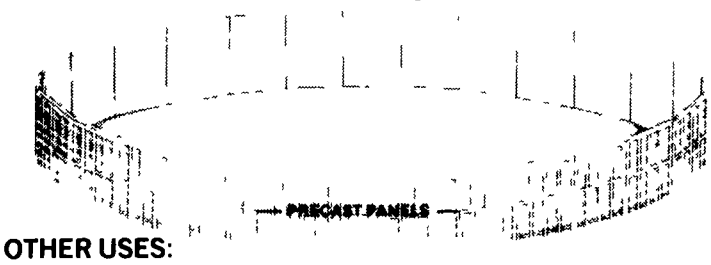

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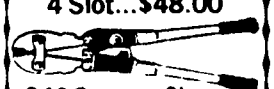

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New Units:

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4-horse Stock Combination w/tack compartment	$2995.00
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8'x20' Gooseneck flatbed	$2795.00
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S&H 6x16 4 horse combination

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For Sale: 2 yr. old Registered Red & White Holstein Bull, Triple Threat Dam w/records to 29,541 milk, 1150 fat. Call 717-836-4228 Days, 7 a.m. to 4 p.m. 717-836-1281 Evenings, 4 p.m. to 8 p.m.

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8 CATTLE

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For Sale: 5 or 6 young registered cows, Sired by Bova, Valiant, Tony, Chairman. DHIA average over 22,000 milk & 800 fat. Also 8 month old bull Sired by Bova, Dam has over 30,000 milk & 1,100 fat. Henry U. Stoltzfus, Jr. Chester Co. 215-273-2120

For Sale: 6 Registered Jersey Heifers, 3 bred and 3 breeding age. Melvin Beiler, 281 Lynwood Rd., Ronks, Pa. 17572.

For Sale: 8 Angus cows bred to calve Feb. - April. Take choice or all. Asking $375 a piece. 301-357-8196.

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All are sired by the top A.I. bulls of the breed. Many from high record dams, all bulls are home raised w/a large selection to choose from. Call John Barley, Star Rock Farms, 717-872-4058.

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Registered Holstein bulls, 1 year old and younger. Out of dams with records to records up to 28,000 milk and up to 1100 fat. Stump Acres, 717-792-3216, York County.

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50 Mature cows: 15 fresh in last 45 days, 10 more to freshen in next 30 days. 40 Holsteins, 10 Guernsey & Jerseys. 814-695-7745.

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Service age registered Holstein bulls by Pete, Star, Astronaut, Glendale, Chief and others. Dams classified Very Good with records over 29,000 lbs. milk and 1,195 lbs. milk fat. STUMPLAND FARM 215-488-1965

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Ten registered Holstein cows, 4 VG, all stages, over 18,000M, 700F, Reg. heifer calves Enjoyment Farms, 814-926-3669.

WANTED-Herd of Cows or bred and open heifers. 301-358-0412.

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For Sale: Hampshire & Berkshire Boars & Gilts, service age, will deliver. Terry Bennecoff, 215-285-6582.

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Concentrating on health, soundness and productivity. 21 day weights, back fat, days to 230.
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Monday, December 29, 1986
1 p.m.
At Frederick Fairground (beef barn), Frederick, Maryland

Selling 14 Duroc Bred Gilts, 5 Hampshire Bred Gilts, 2 Poland Bred Gilts, 5 Berkshire Bred Gilts and 7 Crossbred Bred Gilts.

Auctioneer:
Col. Harry Bachman

For more information Contact:
Donald Morrison
301-531-3351

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Landrace Sired by
AED3 F KARLSTORP - from high indexing pen at OSU 1984
2.54 ADG .66 BF 6.00 LEA 226 F/G
DNN5 SOLOMON - from high indexing pen at NEMO 1985
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SCAN DATA AVAILABLE
Boars From Highly Productive Sows

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GRAND CHAMPION CARCASS
AT KILE (PCx¾ LAND)
.5 BF 7.4 LEA 30.4 CL 61.79% lean
Kent Strock 717-697-2824
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(4) Belgian Fillies w/light mane & tails; (1) Red Sorrel, eligible to register, (2) full sisters, blond w/stripes, foaled 1985 & 1986. Steven Fisher, Lincoln University, Pa. 19352.

4 yr. old mare, safe & sound, 16.1 hands, $900. Call 717-768-3197 Between 7 a.m. & 5 p.m.

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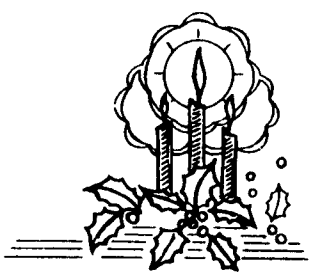

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Service Boars For December & January Service.
Open Gilts, Large Supply, Ready To Breed & Younger.
Boars & Gilts Sired By tested Boars & Out Of Production Tested Dams.
Bred Gilts Due January.

Next Sale
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LARGE WHITE-LANDRACE X BOARS
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Also our usual QUALITY TESTED PUREBRED YORKSHIRE-LANDRACE-DUROC-LARGE WHITE BOARS AND GILTS.
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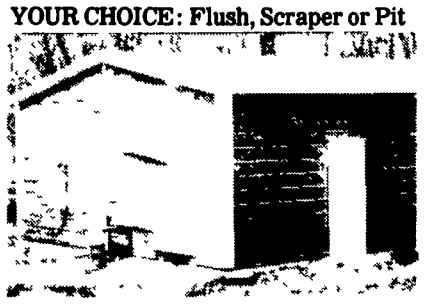

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23 HELP WANTED

Wanted: Person or couple for dairy farm. House included. Call 717-426-1513

Assistant herdsperson on New Jersey dairy farm. Experienced preferred. House included. 609-259-2630 or 259-7494.

Assistant Herdsman to help oversee all phases of dairy operation. Housing, utilities, benefits. Bloomsburg, Pa. area. 717-784-4499 or 717-784-5255

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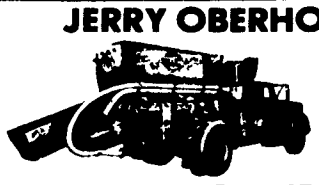

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Columbia-Washington Boro area
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Must be established, having allied Agricultural and Industrial lines, to sell paper, burlap and mesh bags, and packaging supplies.
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HELP WANTED

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Duties include: planting, harvesting, maintenance, managing people, mixing feed, part-time milking.

Must have dairy experience, welding, own tools and basic mechanical knowledge.

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Young married man with PSU Agronomy Degree and some limited farm experience desires full-time farm work starting in May. 814-234-0650.

WANTED: Individual to take first mortgage. Would be willing to pay 9.5% on 7 year term. Replies kept confidential. Write: Lancaster Farming, P.O. Box 366, R-98, Lititz, PA 17543.

Wanted to Rent: 40 Acres or less, house and barn in Mifflin County. Call 215-348-2513 after 6 PM.

217 acre dairy farm in Harford County, Maryland, with 70 cows. Available for rent or operated on shares. 301-836-9442.

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Someone with ambition, dedication and proven ability to take over day-to-day operation of a modern farm with high-producing registered holstein herd in Somerset County.

Opportunity to begin purchase in one year if successful. Interested parties should submit character and financial references with first letter.

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26 HOUSEHOLD

Maytag wringer washers--few like new. Engine of your choice. We mount or kits to mount your own. Maytag parts in stock. Stoltzfus Engine Service, 2447 Stumptown Rd., Bird-in-Hand, PA 17505.

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27 PETS

Registered border collies born Sept. 8. International and national bloodlines. 201-948-4941 Harmony Ridge Farm, Branchville, NJ.

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Registered Australian Shepherd pups. Variety of colors. Good working stock. Excellent family and guard dog, $150. New York, 716-595-3210.

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Welch Corgi pups, 8 months old, imported directly from Wales in Great Britain. Excellent cattle or sheep dogs. Will sacrifice. $550 for trio or $200 each. Call JoJo at 609-452-8903.

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P.S. We buy pups 52 weeks a year.

27 PETS

Bouvier des Flander pups, AKC, 8 weeks, first set of booster shots, ears cropped, tails cut, tatooed. 215-799-4043.

Catahoula dogs and pups for sale. 215-493-4900.

For Sale: Australian Cattle Dog pups (Blue Heelers). Will be ready Dec. 12th. Newmanstown, Lebanon Co. 215-589-4558

10 AKC St. Bernard puppies, ready for Christmas. 814-276-3157

WANTED Puppies For Pets
AKC, Purebred, Mixed Litters.
Stud service for most breeds
Transportation provided
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Border Collie puppies, purebred work or pleasure. Ready to go anytime. 814-667-3670 near McAlevy's Fort Rt. 26 between State College and Huntingdon.

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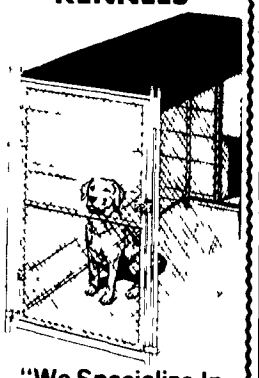

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Singles To Large Complexes
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PUPS WANTED
By Jo Jo
The Dog Man
$ Top Dollar Paid

December 23, 1986 is the last day I'll be buying pups until February 24, 1987. Come with your pups before it's too late.

I'll be buying pups at Root's Farm Market, Tues., December 23 from 5:00-8:00 PM

I need 125 pups on Tuesday, December 23.

The prize winner on December 16th is Nathan Reiff, age 9, Lancaster Co. He had Jack Russell Terriers.

I will pick up puppies December 23rd; Kirkwood - 1:00; Quarryville - 1:30; Georgetown - 2:00; Strasburg - 2:30; Intercourse - 3:00

Pups wanted in litter lots only to 8 weeks old. No adult dogs handled.

Root's Farm Market is located exactly 10 miles south of the PA turnpike exit #20; 3 miles south of Manheim, PA off Rt. 72.

For questions, call:
JoJo The Dog Man
7 Am - 9 AM
Phone **609-452-8903**
P.S. Pup stand will be closed December 30th to February 24th.

32 MISCELLANEOUS

WOODWORKERS AND CONTRACTORS
Heavy duty woodworking equipment, power tools & air compressors. Precise quality, low prices & 100% guaranteed.
15" Planers, $695.
15" Scroll Saws, $99.95.
14" Band Saws, $275.
10" Table Saws, $375.
10" Radial Arm Saws, $375.
8" Jointers, $545.
6" Jointers, $275.
1" Shapers, 3hp, $989.
½" Shapers, $265.
4x6 Belt & Disc Sanders, $79.
6x9 Belt & Disc Sanders, $189.
6x196 Stroke Sanders, $635.
5-Speed Drill Presses, $124.
12-Speed Drill Presses, $148.
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5HP 60 gal. Air Compressors.
Larger Equipment Available. Super Savings on all size air compressors
Bargain Prices on Makita, Milwaukee, Porter Cable, Black & Decker, Ryobi, David White Transits & more
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(2) Hot Water Boilers, coal stoker or oil, 360,000 BTU, $900. each. 717-872-2781

ANTIQUE WOOD BEAMS, excellent condition, various lengths. Good for restoration work, $.85 - $1.50 linear feet. Call 215-383-0800.

Pole Buildings 24'x40' completely erected $3,999.00. Overhead and entrance doors included. Other sizes available. Call CHAPARAL BUILDINGS 1-800-772-0072 Anytime. Material Only Packages Available.

Saw Mill, 0-1 Frick, 4 head block carriage, new wood husk & ways, 56" saw, $2,500. Also lot of cherry logs. York Co 717-244-1124

Showcases, for jewelry, etc. Desk for computer or typewriter. Commercial hairdryer 15h air compressor (3) 60 hp electric motors. 201-291-9371

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Make Offer: 4,000 gallon solid steel tank w/man hole, 64" dia. x 24'. Sutton Bros., Marysville. 717-957-2047

FOR SALE: Inclinator stair lift w/all controls. 717-653-4560.

For Sale: 1,000 gallon air tank; 2,500 gallon air tank; 8,000 gallon air tank. Steven U. Zook, R.D.1, Box 392, New Holland, Pa. 17557.

For Sale: 5000 feet air dried cherry lumber. Call 717-734-3484 after 8 PM.

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Meat grinders, band saws, slicers & tenderizers. Also new splitting saws for only $249.00.
Gerry Grundy
Doylesburg, PA
On Rt. 75 - 200 yds. N. of Rt. 274.
Open Sat. & Sun.
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For Sale: Bolen's snow blowers and plows; John Blue sprayer; Ford roll bars, loader bucket. Berks. 717-933-8695

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Leroi generator, 25KW 120/220V, 4 cyl. gas engine, good condition, $2,500. Trega Corporation, 215-756-6308.

Bandsaw blades made to order. Wood, metal or meat cutting. Also, butcher handsaws & blades. UPS shipping. 717-733-0511. Martin's Sharpening, RD#1, Ephrata, PA 17522.

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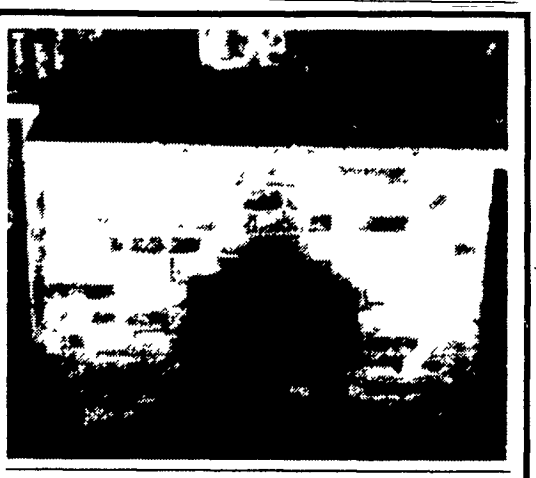

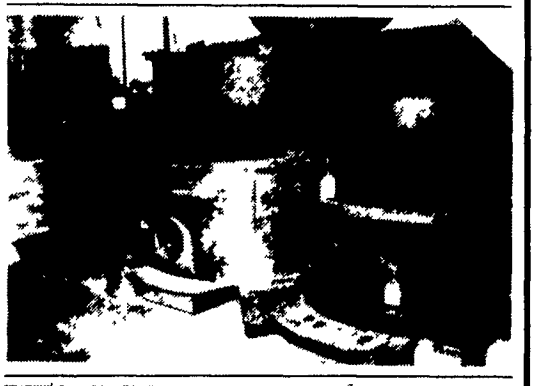

Butcher furnace, kettles & doors, single fire jackets & double fronts & tops or single tops, door size 16x12. Kettle size 22 to 26. 3 ft. & top rims.
Jacob E. Fisher
Georgetown
Box 22, Bart, PA 17503

OH! OH!

The cows are falling.
How do you know?
Farmer Brown said so.

How do you know Farmer Brown?
I saw it with my eyes.
I heard it with my ears.
And there is less milk in the pail.

Let's go ask the wise old owl.
The owl thought for a moment.
"Call the Scabbler Man", he said.
"He can fix the barn for you, and
You'll find more milk in the pail!"

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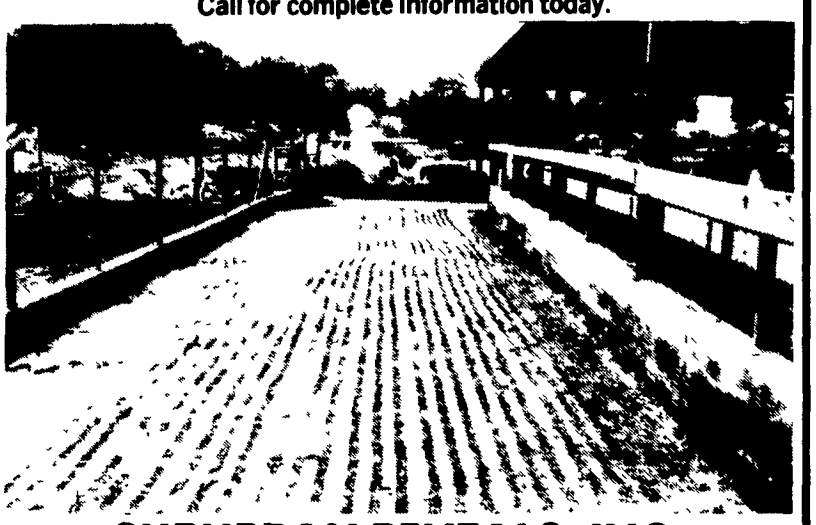

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Call
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Peach Bottom
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35 TRUCKS AND TRAILERS

'85 Ford XL F150, ½ ton pickup, 300 6 cyl., 3 spd. overdrive, PS, PB, AM-FM, 8,000 miles, like new, $7,400. 717-733-2873

1973 C65 Chevy, 5&2, 366 engine w/18' Eby aluminum cattle grain body, 60,000 mis., $9,000; '77, ¾ Chevy PU w/cattle bed, own owner, 24,000 on new motor, $1,500. 301-898-7426.

1977 Ford 350, 1 ton, with Schwartz 15' roll back bed. Saxonburg, PA. 412-352-1081.

1982 Kenworth K100, full sleeper, 350C (Big Cam), recent clutch, tight engine, very clean, $25,500. Also available 1974 44x13'6" Merritt cattle & hog trailer, very clean w/excellent rubber & spare, $10,500. Call 1-800-222-0645. Ask for Dee

'84 Chevy HD C20, 350 auto., PB, PS, AM-FM, 8,600 GVW, 40,000 miles, $6,700. 717-733-2873

'84 Ford F150, 4x4, 300 6 cylinder, HD 4 spd., PS, PB, 6,250 GVW, blue & silver, excellent condition, $7,650. 717-733-2873

$500 each. Farm trucks. All in running condition. 1954 Chev. 12' stake body; 1959 Ford 12' stake box body; 1955 GM V-8, 14' stake box body. $500 ea. 215-757-7646 Bill or Tom.

'74 Dodge 300 dual whl. w/10' cattle body, 400 4 spd., PS, PB, 80,000 original miles, 1 owner, $2,200. 717-733-2873

'74 IH tandem axle tractor w/Cummins dsl. and Fuller trans., in use now, $2,750. 717-534-1253.

35 TRUCKS AND TRAILERS

'86 Ford F350, dual whl., cab & chassis, 6.9 diesel, 4 spd., PS, PB, air, AM-FM, dual tanks, 84" CA, 11,000 GVW, 3,000 miles w/balance of factory warranty, $12,700. 717-733-2873

86 Ford Super Cab F-150, 4x4, 3,000 mi., $9,500. Somerset Co 301-898-7690.

'85 Ford Explorer F250 HD ¾ ton pickup, 351 4 spd., PS, PB, dual tanks, AM-FM, 8,600 GVW, $7,800. 717-733-2873

'85 Ford F250, 4x4, 300 6 cylinder, HD 4 spd., PS, PB, lock out hubs, $8,700. 717-733-2873

'86 Ford F250 Super Cab, 4x4, 351 V8, PS, PB, heavy duty springs, sliding rear window, 2,200 miles, new condition. Must Sell. $15,400. 717-872-6683

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1970 23' Omega motor home, fully loaded, self contained, ready to travel, excellent shape, $7,000. 215-279-7739

FOR SALE: 1985 Rockwood 31' Class A motor home, 3,049 mi., roof air, dash air, microwave oven, awning, center bath, tow hitch, 454 Chevy engine. Still under warranty. 717-273-5231 or 272-0574.

34 AUTOS

For Sale: 1982 Grand Marquis Mercury, electric door locks, windows, seats, aerial. Vinyl roof, 53,000 miles, excellent condition. Chester Co., Oxford, PA 215-932-5873.

Wanted: 1965-73 Ford Mustang, any condition, will travel. 717-244-8143. York Co.

'86 GMC 2500 HD ¾ ton 4x4, 350 4 spd., PS, PB, dual tanks, lock out hubs, 8,600 GVW, 15,000 miles, like new, $10,995. 717-733-2873

Chevy 350 cattle truck, 10' bed, new clutch, tires, exhaust, $1,950. Call 9-5, Mon.-Fri. 609-691-9765

FOR SALE: 1960 Ford stake body truck, 14' bed, dual wheels, 8 cylinder, 4SP trans. 717-665-6220.

FOR SALE: 5th wheel trailer, 22'Lx7'6"W, dual axle, elec. brakes, 14,000 GVW, 5'H removeable sides, new hardwood sides and bed, excellent condition. Complete with hitch plate. Call 9-5, 717-569-6580.

For Sale: Transfer Trailers, all sizes; Demolition Dumps; Low Boy detachable trailers, 40, 50 & 60 ton. Used trucks, dumps, grain dumps & rollbacks. Keith walking floors, sold & serviced. 814-623-9696 or 814-623-8696

HAY HAULERS: 45' Raven trailer & Mack twin screw tractor. 717-324-6952

For Sale: '56 Ford F350 ton truck w/292 4 spd. trans., good condition. Call evenings. 215-682-6621

For Sale: '64 Dodge Hay truck, 14' bed, 9' over cab rack, good engine, truck needs little work. $350. 814-627-5149.

For Sale: '73 Ford 4x4 pickup w/new Myers snow plow, 4 spd., 360 engine, new radial tires. Call evenings. 215-682-6621

For Sale: '70 Ford 200 Econoline Van, 302 engine, standard 3 spd., new paint, ready to go. Call evenings. 215-682-6621

For Sale: '72 Chevy pickup; '66 Ford pickup. 717-626-7747

For Sale: '71 Dodge 600 series, 14' dump, 4' sides, 318 cu. inch, 5+2 trans., 20,000 miles on rebuilt engine, 26,000 GVW, new clutch, like new, 10:00x20 tires, brakes, wheel cylinder gone over. New inspection. Good mechanical condition. Asking $2,000. Baltimore County, MD. Call 717-769-6366 or 301-429-4910.

'85 Chevy C30, dual whl., 10' stake body, 350 auto., PB, PS, AM-FM, dual tanks, 10,000 GVW, excellent condition, $9,600. 717-733-2873

For Sale: 1976 C65 long wheel base truck, good condition. 717-545-3948 after 6 p.m.

For Sale: 1976 Mac tractor, model R686ST, 300 h.p., 5 spd., Jacobs engine brake, air dry system, 176" WB, 10.00x22 radial tires on spoke wheels, 2 color imron paint, recently rebuilt rears, clean. Asking $12,500. 215-723-3764. Ask For John.

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1975 IH model 2050, Cat diesel, air brakes, PS, 5+2, 33,000 GVW, 20' platform rollback dump, hauls anything

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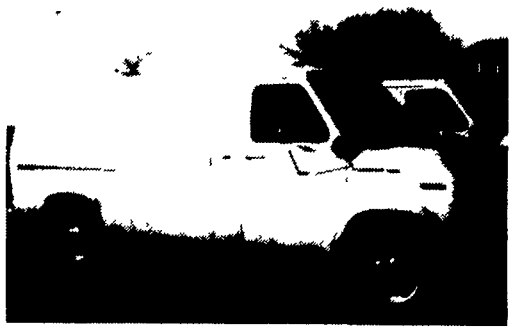
1986 FORD 350
Econoline, 14' aluminum cube Van, 351 V8, auto. PS, PB, Michelin tires., Only 8,000 Miles.



1984 FORD ECONOLINE 250
7600 GVW, 300 CI Engine, AT, PS, PB, A/C, Only 39,000 Miles
$6,250.00

1986 CHEV G10 CARGO
5600 GVW, 305, AT, PS, PB, Only 19,000 Miles
$7,850.00

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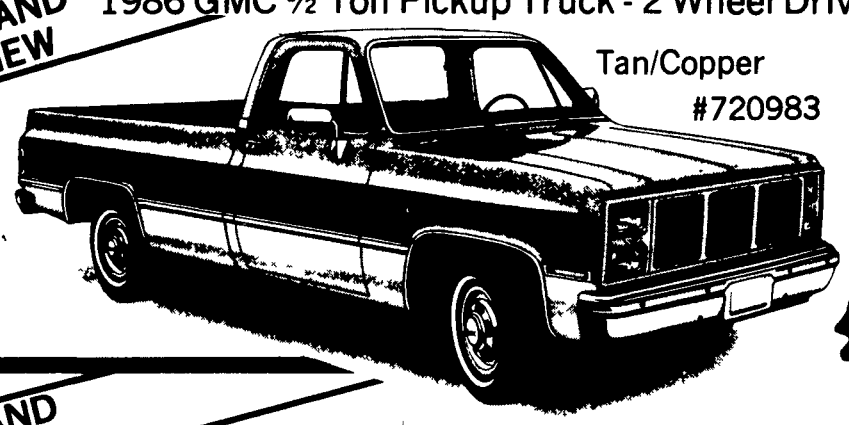
BRAND NEW

1986 GMC ½ Ton Pickup Truck - 2 Wheel Drive

Tan/Copper #720983



- 4.3 Liter V-6 Engine
- 4 Speed Automatic Trans.
- Power Steering
- Power Brakes
- AM-FM Radio
- Rear Step Bumper
- Gauge Package
- All Season Radials

List Price $10,560

EBERSOLE SALE PRICE **$9,351**

BRAND NEW

1986 GMC S15 Jimmy 4 Wheel Drive SW

- 2.5 Liter Fuel Injected Engine
- 5 Speed Manual Trans.
- Air Conditioning
- AM-FM Stereo
- Gauge Pkg.
- 20 Gal. Fuel Tank
- Power Steering
- All Season Tires

Blue #507769

List Price 13,426

EBERSOLE SALE PRICE **$12,139**

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MODEL	COLOR	STOCK NO.	LIST PRICE	EBERSOLE SALE PRICE
1986 GMC S15 Pickup Truck 4 Wheel Drive	Blue	512921	$12,962	$11,665
1986 GMC S15 Pickup Truck	Bronze	515289	$11,810	$10,609
1986 GMC S15 Pickup Truck 4 Wheel Drive	Blue	529349	$13,326	$11,986
1986 GMC ½ Ton Full Size Pickup	Gold	713618	$10,700	$ 9,461
1986 GMC ½ Ton Full Size Pickup	Copper/Tan	523936	$15,937	$13,982
1986 GMC ½ Ton Full Size Pickup	Tan/Copper	720983	$10,560	$ 9,351
1986 GMC ½ Ton Full Size Pickup	White	701631	$11,315	$ 9,999
1986 GMC ¾ Ton Full Size Pickup	Red	728707	$12,360	$10,984
1986 GMC 1 Ton Cab & Chassis	Blue	532638	$13,884	$12,254
1986 GMC Caballero Custom Pickup	Silver	800026	$12,495	$11,026
1986 GMC Safari Geneva Luxury Conversion	Maroon	501439	$17,994	$15,945
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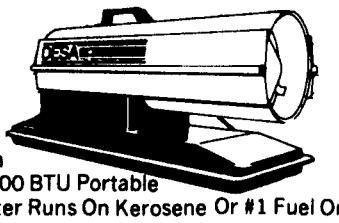

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'83 Chevy C10 ½ ton, 4 x 4 305 HD 4 spd., PS, PB, AM-FM, 6,100 GVW, 22,000 miles, excellent condition, $7,950. 717-733-2873

1973 Chevy C-65 tank truck, 2 poly tanks, hose, reel and meter; 1974 Chevy pickup, 6' bed, 4 WD, lockout hubs, 6 cylinder, 3 speed. 717-367-2667.

1974 GMC single axle tractor, 10 spd., 238 Detroit diesel, very good condition. 717-532-9271 or 717-532-6257

1975 Chevrolet C90 tandem dump, 44,000 lb. rears, 16,000 lb. front, 6-71 Detroit, 15SP, PS, 14' steel bed, $13,500. 717-626-5438 after 5:30PM.

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12 ton tag-a-long trailer, elec. brakes, good condition, $3,000. 215-377-0579.

1966 Ford C850 tandem flat bed, deck & drive train, in very good condition, cab needs work, $6,000. or Reasonable Offer. 301-834-6138

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Over 100 New & Used Trucks, Vans & 4x4's

87 Ford F-350 Cab & Chassis, 4x4, V8, 4 Spd., PS, PB, Brand New
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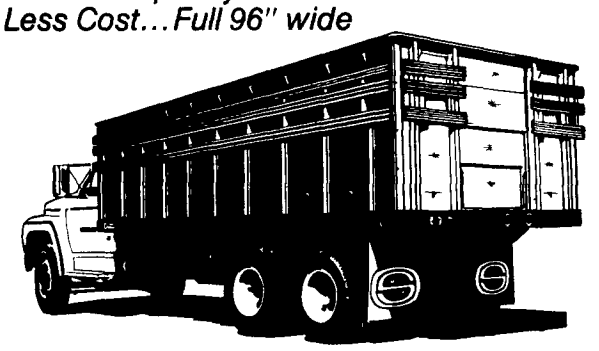

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Also available: Omaha Standard "Clean Flow" Stakeless Steel Grain Bodies...and "Clean Flow" Aluminum Grain Bodies and Pup Trailers.

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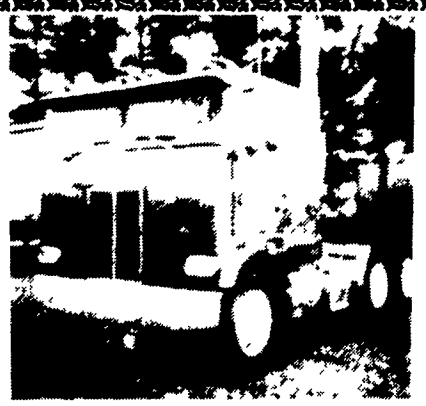

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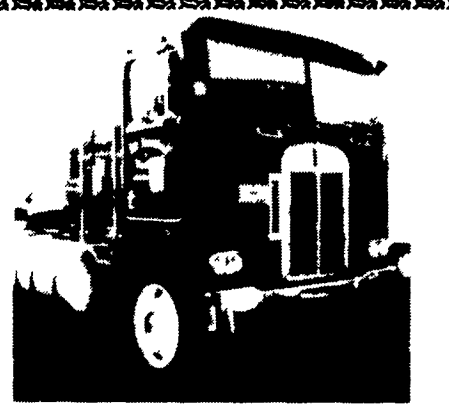
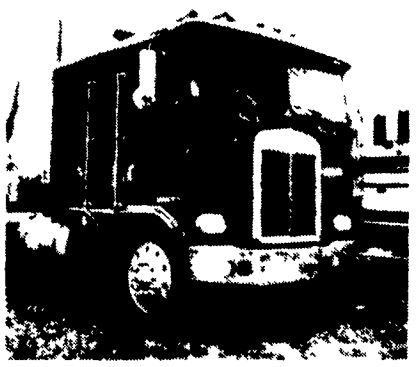
WB 156" NTC400 Factory Re-Con, Only 63,000 Miles
13 Speed, 11x22.5 Radials
Super Clean Tractor
$18,000

1978 MARMON
NTC 400, RTO 12573, SQHD @ 4.11 Jake Brake, A/C, P/S C/B Radio, 24" Air Slide Fifth Wheel, Alum. Wheels 11x24.5 Radials 36" Sleeper 77,000 Miles On In-Frame o/Haul
$24,000

1980 MARMON
Double Sleeper Cab, 180" Wheelbase, NTC 400, RTO 12513, SQHP @ 4.11, 11x24.5 Radials, All Alum. Wheels A/C, P/S, Jake Brake
$24,600



1980 KENWORTH
160" Wheelbase, F350 Cummins, RTO 12509, SQHD@ 3.70 Dual 150 Gallon Tanks, New Radiator, New Batteries Air Dryer, Fuel Water Separator, KW Air Ride
$19,500



1982 KENWORTH
180" Wheelbase, Cat 3406B @ 400 hp RTO 12573, Jake Brake DS 381 @ 4.11, 11x24.5 Radials, KW 8 Bag Air Suspension, Double Bunk Sleeper, V.I.P. Interior, Dual Exhaust, A/C, P/S, AM/FM Cassette
$33,600

1984 MARMON
Wheelbase 220", NTC 400, RTO 12515, Jake Brake, Neway Air Suspension, 40" Sleeper, Dual Hi-Backs, A/C, P/S, AM/FM Stereo, 248,000 Miles, Like New Condition, 23,000 Miles On Cummins Overhaul
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1986 FREIGHTLINER GLIDER KIT
Cummins 400, RTO 12573 DS 380 @ 4.11, Pete Air Suspension, 10 Alum. Wheels, 11x24.5 Radials, All New, Dual 100 Gallon, Dual Exhaust, 60" Walk-In Sleeper New, Never Titled
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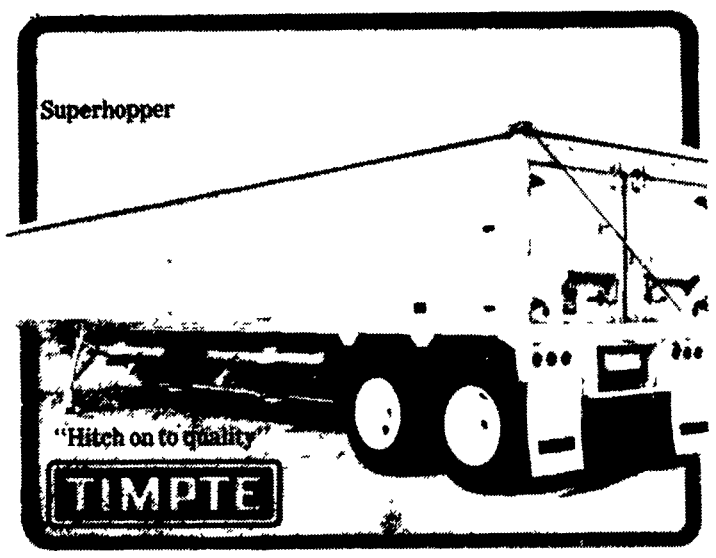

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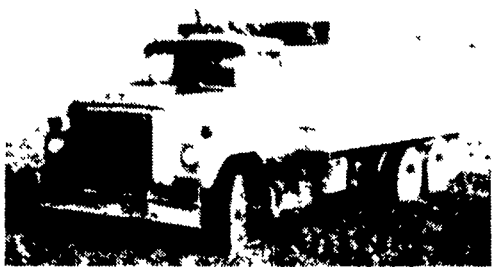

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238 Detroit, 10 Spd., Roadranger, 20 Ft. Grain Body.
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33,000 GVW 18' Alum- Eby Body with Hog Vents, 11:00x20 radials. Clean $9,800.00
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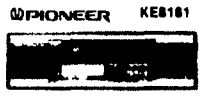

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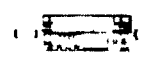

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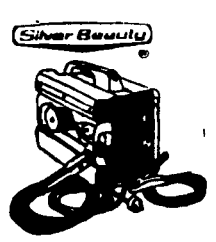

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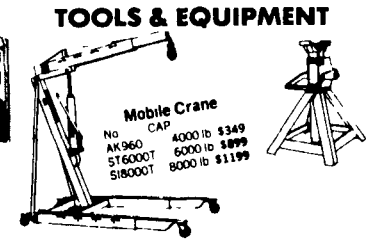

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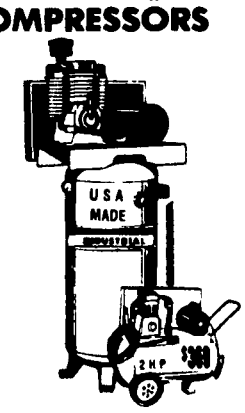

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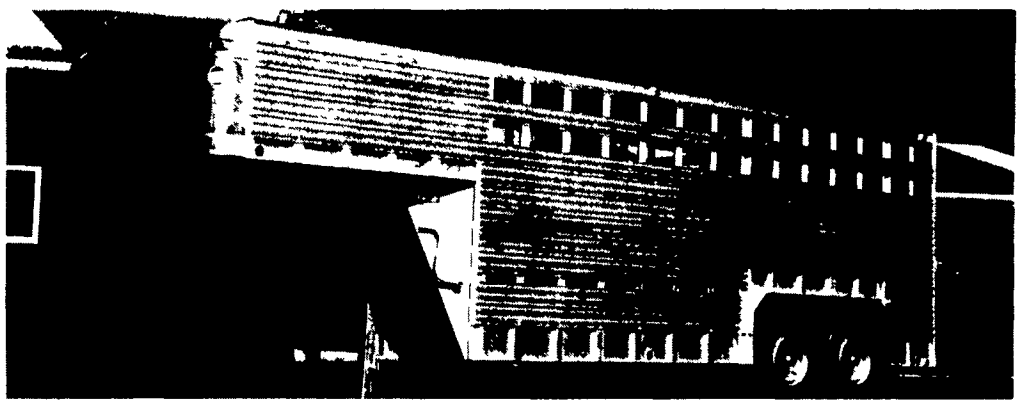

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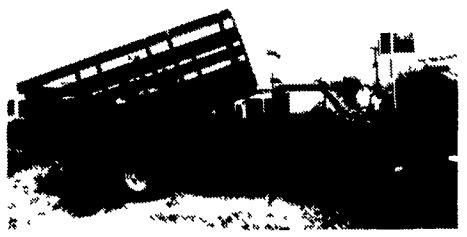

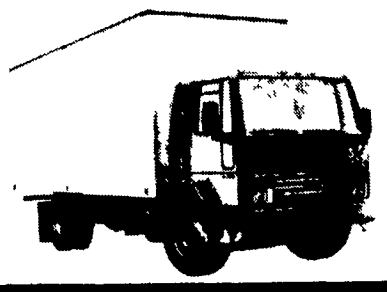

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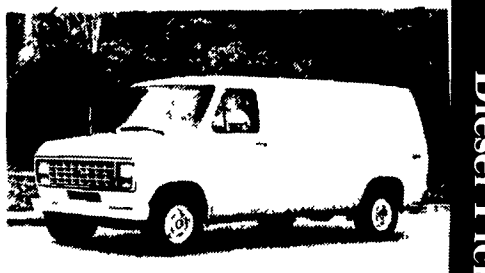

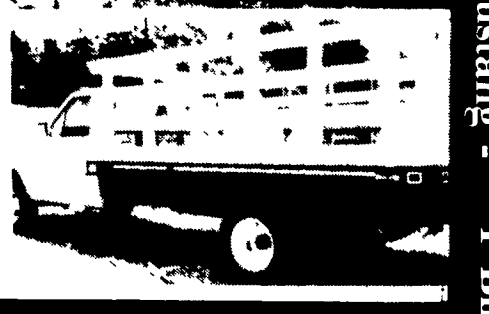

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Other trucks to choose from
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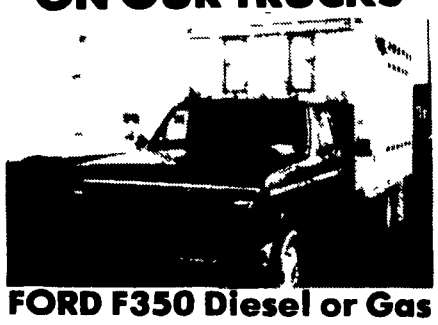

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Carlisle, PA
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Large house, 2 kitchens, 5 bedrooms, 2 baths, basement. Chicken house for 10,000 layers in operation, 40x70 barn, 32x48 shop. Nears Orrstown, Franklin Co., PA.
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In the spirit of friendship and good faith, we offer our very special thanks to you this holiday season.
Cumberland County
Showplace, 56 acres, very good buildings, brick house, modern barn, new implement shed, stream & woods What more do you want! Only $97,500
FARM & HOME REAL ESTATE
East Petersburg, PA
717-569-3992
Sylvester Baum, Carlisle, 717-776-3967
Ron Shank, Leola, 717-656-9456
Harlan Keener, Willow Street, 717-464-2669
Broker - J. Irvin Denlinger
717-898-8962

FAMILY DAIRY CLASSIC
Truly a showplace in every category with special private setting & quality. 230 acres, 130 tillable finest loam soils w/exc. drainage. Grows super alfalfa in large level fields. Beautiful modern tie stall barn for 90 head w/pipeline, liquid manure system, 2 silos. Exc. machinery buildings. Colonial home is immaculate w/4 bedrooms, massive stone fireplace, beautiful living areas w/large picture windows. Owners are meticulous in all phases of their operation! $275,000 with owner terms for strongest candidates. Registered Holstein dairy & superb A-1 machinery line up available.
Farm and Rural Property Specialists
Homestead Realty
Auriesville Road RD 1
Fultonville, NY 12072
(518) 922-6301 OR (518) 922-8899

FARM ON BRUSH CREEK
Bedford-Everett area; 54 acres with 35 tillable; 10 fenced pasture; abundant water; woods for hunting; 9-room 2-bath home; 1-car garage; cattle barn; also a horse barn; 2 storage sheds; milk house; beautiful. $69,900. No. C-4732.
DAIRY FARM AND STORE
Near Everett, PA; 270-acres with abundant water including Clear Creek thru the farm; excellent fields & fencing; beautifully remodeled farmhouse in A-1 condition; 2-car garage; large barn with 88-stanchions; modern facilities; 2 bulk milk tanks; storage bldgs.; plus 26x50 dairy store equipped for business, liberal seller financing terms are available. No. C-4748.
Paula Brown & Carol Bowman, R.E.S.
Phone: 623-8594
WEST REAL ESTATE AGENCY, INC.

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36 REAL ESTATE

For Sale: 116 acre farm, in Milroy area. 717-667-2201 after 6 p.m.

For Sale by owner: Near Chambersburg, 5 to 85 acres with 4 bedroom stone & aluminum siding house, 48x72' pole shed, barn. Road frontage, public sewer & water. 717-263-8253.

FREE CATALOG! Describing numerous PA farms, camps, acreage, cottages, homes and businesses. Write Dept. LF, WEST REAL ESTATE AGENCY, INC., 5528 William Flynn Highway, Gibsonia, PA 15044, 412-443-1200, IN PA 1-800-922-1235.

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

Northern NY Dairy Farm, 100 acres, all open & tillable, $95,000. Cattle, Equip. & Real Estate, $150,000. 315-328-4646

Sale: 28 Acres, 5 room house, barn, pond. Snyder County, 717-539-8609.

WANTED TO RENT: Dairy farm with room for 30 to 40 cows in Lanc. or Chester Co. Have cows and equip. Write: Lancaster Farming, P.O. Box 366, R-100, Lititz, PA 17543.

For Sale: 280 acre dairy farm, 200 tillable Southern Chester Co. 215-932-9021

For Sale by owner: Near Chambersburg, 35 or 48 acres, beautiful building sites, fantastic view, 1475' road frontage. Also, good for farming. 717-263-8253.

For Rent: Dairy farm, 50 cow Show-Eze tie stall barn, tile mangers, excellent barn cleaner, other barns for young stock. 100+ acres level tillable ground, large pastures, 2 BR house w/garage. Available immediately. $1200/month. NW Montgomery Co. Prefer long lease. 215-536-8620 (weekdays) 215-679-2065 or 215-679-6321 (nights & weekends).

EASTERN SHORE FARM: Quenn Anne's County, Maryland. 330 M/L acre dairy, hog or sheep farm, 265 tillable, 2 story Victorian house, implement shed, granery, livestock shed, 24 stall stanchion barn and milk house, 300 head hog finishing facility, 10,000 bu. grain storage, feed bin. Property taxes are $1,571. Price of farm $540,000. Call owner 301-438-3764 after 6PM.

Wanted to Rent or rent w/option to buy. Dairy farm in Northampton or Eastern Lehigh County. 215-759-8249 after 6:00 PM.

CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND & CABINS

We presently have one of the largest selections of farms, farmettes, land and cabins available in central Pennsylvania. We have over 50 exclusive listings.

Our Farm and Land Department would be happy to mail a free, detailed farm and farmette list or land and cabin list to you.

See the December 27 and January 10 issues for a complete farm inventory.

FARM AND LAND DEPARTMENT

Fred Strouse (814) 364-1705
Don Myers (814) 422-8111
Mel Rockey (814) 466-6688
(Bedford) Richard D. Reed (814) 839-4271
(Huntingdon) Rachel Furt (814) 669-4194

KISSINGER LEONARD & BROWER Realtors

Frederick J. Kissinger, Realtor
William H. Leonard, Realtor
Ralph F. Brewer, Realtor
245 S. Allen St.,
State College, PA 16801
(814) 234-4000

CENTRAL NEW YORK

400 Acre dairy farm with large free stall barn, silos, outbuildings, shop, milking facilities plus feed lot. 4 Modern houses, rental units, in-ground swimming pool, ponds, streams, gravel bed & woods. Suitable for development.

315-673-2128, Owner

FARM NEEDED

Exc. young farmer w/family wishes to rent, lease, buy or sales agreement on mid to large grain operation. Has line of large modern equip. and equity. Needs grain & machine storage. Has references. Would prefer hog or cattle operation (not necessary). No development pressure wanted. Southern York area preferred. Will travel anywhere for right farm. Please call

717-244-8761 or write
Terry Sunday
RD 1, Box 450
Red Lion, PA 17356

new pennsylvania realty, inc.
717-386-5000

BERKS COUNTY- 140 ACRES (m/l)
With 104 Free Stalls, Milking Barn, Pipeline, 3 Large Silos, 2 Equipment Sheds. This Is Two Adjoining Farms.

BERKS DAIRY - 106 ACRES (m/l)
With 48 Stalls, Pipeline, Bulk Tank, Silos and So Forth. This Is A Good Farm In A Nice Farm Community.

BERKS - HISTORIC FARM
112 Acres (m/l) With Stucco Over Stone House In Excellent Condition. Lots Of Road Frontage. In Same Family For 7 Generations!

CALL CARL JOHNSON - 215-367-6160

POSSIBILITIES UNLIMITED with this unique, residential/commercial property. Circa 1791 restored stone residence has 8 rooms, 2 fireplaces. Horse stable and riding rink. Antique dealers note: barn has been converted to auction house with showroom, auction room, and storage. 28 acres with 1400 feet of frontage on U.S. Route 11 North of Shippensburg. $298,000.

LIMESTONE FARM - 95 acres, more or less. 6 room house in good repair. 2 floor barn, wagon shed, machinery shed, concrete silo. About 75 tillable acres. North of Shippensburg. $225,000.

LIMESTONE FARM - 82.875 acres, more or less. 8 room remodeled farm house. Barn. Private setting. $153,900. House can be purchased with 9.4 acres for $89,900.

Hale REAL ESTATE
14 West King Street
Shippensburg, PA
717-532-2814

new pennsylvania realty, inc.
Gary Coles, Farm Broker & Appraiser
717-386-5000 or 215-398-2559
Box 123, Route One New Ringgold, PA 17960

"For unto you is born this day in the city of David, a Saviour, which is Christ the Lord.

And this shall be a sign unto you, Ye shall find the babe wrapped in swaddling clothes, lying in a manger.

And suddenly there was with the angel a multitude of the heavenly host praising God, and saying, 'Glory to God in the highest, and on earth peace, good will toward men.' "

Luke 2:11-14

WIMPLE ASSOCIATES

CENTRAL NEW YORK

19,300 POUND HERD AVERAGE: profitably run 300 acre farm in the Mohawk Valley has 200 acres tillable and is in an excellent state of fertility 20,000' tile drainage. Excellent barn has 52 ties on new 2" Surge pipeline, heat converter on bulk tank, 16x50 and 14x40 silos plus 17x40 Harvestore, 2 Patz cleaners Heifer barn holds 37 head. Attractive Colonial home with modern kitchen and fireplace INCLUDES half registered herd with 52 milkers, 47 YS, 4 tractors and all machinery for $310,000 CALL WIMPLE'S SLOANSVILLE OFFICE 518-875-6355

SOUTHERN NEW YORK

PRICED RIGHT: 175 acres with 3 acre pond Good oak and maple in the 60 acre woodlot Balance of land is open and mostly tillable Real pretty views from the 9 room, 4 bedroom home CAN'T GO WRONG FOR $58,000

HUNTING CAMP: 70 acres on full season stream, 10 open, balance heavy woods Some timber Private location in great hunting area only 4 miles from the Pennsylvania line Hunting camp could use a little fixing JUST LISTED $27,500.

FOR APPT. CALL 607-792-3355 or WIMPLE'S SLOANSVILLE OFFICE. 518-875-6355

So. Northumberland Co.
& Surrounding Counties-

No Money Down. 44 acres, 2 homes & barn, 20 tillable. $89,000. Call Peter.

No Down. 33 acres, 10 tillable, balance wooded against mountain $1,500/acre. Call Peter.

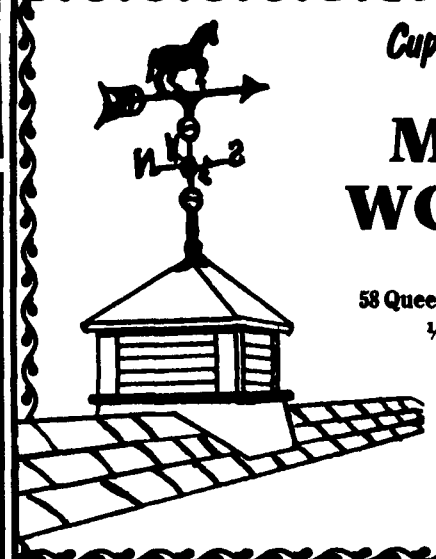
No Down. 100 acres, 75 tillable, prime land, $1,500/acre. call Peter.

No Down. 75 acres, well-maintained Christmas tree farm 45,000 trees 1-4 yrs. old, $1,500/acre. Call Peter.

181 Ac. Beef Farm, 150 tillable, lge. brick home completely remodeled. Built in 1851, $275,000. This farm can be bought in smaller acreage. Call Peter.

500 Ac., 365 tillable, Grain Farm, $579,000. Call Peter.

PETER B. **CORTELYOU**
Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177
Bob Yarger, Sales Assoc., 717-648-6217
George Wolfgang, Sales Assoc., 717-648-3201



Cupolas and Weather Vanes

MANNIE'S WOOD SHOP

58 Queen Road Gordonville, PA 17529
¼ Mile South of Intercourse

Ventilate and Decorate

WISHING A
Merry Christmas
TO ALL . . .

FROM YOUR FARM AGENTS AT

RICH BRANDT FARM REAL ESTATE
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

DO YOU REALLY WANT TO SELL YOUR FARM?
For personal service, contact
Van Cleve Real Estate
915 Mondale Rd., Lancaster, PA 17601
Phone **717-392-3032**

FOR SALE BY OWNER
167 acre northeast Pennsylvania modern dairy farm. Mostly tillable w/2 houses, nearly new free stall & dry cow facility, 4 silos w/unloaders, automatic feeding, double 6 totally automated parlor, 1500 gal. bulk tank, large new machine shed, 150 head of cattle, some machinery included.
717-222-4432

FOR SALE
Steuben County, NY 204 acre dairy farm, 40 tie stalls, pipeline, tank/washer, 2 concrete silos/unloaders, (1) bunker silo, (2) machine sheds, 5 bedroom home. Complete w/all cattle & excellent line of equipment. $225,000.
607-359-2674
Evenings
After 7 p.m.

KEY
REAL ESTATE, REALTORS
Hanover
Gettysburg
York and
Westminster

75 Acre Adams County Dairy Farm
40x174, 60 tie stall barn with pipeline, 1,000 gallon bulk tank, 2-20x60 silos, automatic bunk feeder, 72x40 20 free stall building, equipment shed, 2 homes (L-5335-15)
717-632-6400

10.74 WOODED acres, N.C., PA, hunt/retreat $6,750. (W168)

41.56 ACRES heavy timber, prime hunting, good frontage $31,200. (W169)

81 ACRES Joins State Land, pond, timber, subdivision potential $60,750. (W170)

167 ACRES (2 lots) cherry timber, prime hunting, walk to State Land $125,250. (W172)

CAMP/RETREAT/RETIRE small village in the heart of hunting/fishing/etc., low taxes $29,500 (W173)

MONUMENT BUSINESS Be your own boss, 1200 s f building, all equipment, a going concern $56,900. (W111)

MILK PROCESSING PLANT and complete dairy operation, modern barn, farmhouse, garage/repair shop, operating retail store & milk route $275,000 (D489)

BAR/RESTUARANT 10 rental rooms/apartment, going business $68,500 (W132)

FREE LISTS
ERA-Homestead Realty
23 E. Ave.
Wellsboro, PA 16901
717/724-7161

WORTH THE EFFORT old victorian home on 9 acres, good location, needs your touches to bring it back Priced at $14,800 (D403)

APARTMENT HOUSE 2 units, all separate metered, close to Corning & Elmira Good investment Small town friendliness $24,900 (D445)

CAMP on 15 ac, partially finished, heart of hunting country Open/wooded, small pond Owner anxious to sell $22,500. (D477)

OWNER TERMS 8 5 ac lot near Genesee River, good fishing & hunting Frontage on township road. Small amount down. $5,200 (D307)

18 ACRES BLISS Super home w/barn with dog runs, and horse stall Ideal for animal lover Scenic views, nice shade Just what you've been looking for $53,500 (D504)

CALL OR WRITE FOR FREE LISTS
ERA-Homestead Realty
168 W. Main St.
Westfield, PA 16950
814/367-2222

200 ACRE HAY FARM, fine old farmhouse, new pole barn, good roads & stream $130,000 (M1792)

RETIREMENT?? Small college town, N C. PA, comfortable 2 story, low taxes, quiet street $24,000 (M126)

CAMP/RETREAT, 3 BR near state Game Land & Federal Lakes $17,500 (M127)

FARMHOUSE, older but sound 1 ac $21,600 (M1799)

10 AC. mostly woods, private, exc views $8,000 (M1783)

11.82 ACRES Historic mansion & smaller 2 BR home nr State Land & Lakes $39,500 Hunt/fish or retire (M1782)

FREE CATALOGUE
ERA-Homestead Realty
267 S. Main St.
Mansfield, PA 16933
717/662-3287

ERA

Real Estate Wanted
FARMETTES

Wanted: 5 or more acre farmettes, in Cumberland, Dauphin, Perry or Northern York Counties.

Contact:
CENTURY 21
Breneman
717-761-5494

SOUTHERN LANCASTER COUNTY DAIRY FARM

A high productive 141 acre Dairy Farm located 2 miles South of the Buck along Route #272. Below are listed a few of the many features:

- Main barn 140'x40' with 60 tie-up stalls
- 2 Harvestore Silos and 1 stave all with auto unloaders
- Modern pipe line with 10,000 gal. Dari Kool tank
- Automated liquid slurry storage system
- Pole building measures 40'x70' for dry cows and heifers
- 2 1200 Bu. storage bins for shelled ear corn
- Large 98'x40' Implement shed, cement floor, 14' ceilings 6 large sliding doors, 3 car garage, and roomy workshop
- The house consists of 4 bedrooms, 1½ baths, oil fired hot water heat, modern kitchen & bath.
- All buildings and mechanicals are in excellent repair

Priced at $4,200 per acre

Call Hurst Williams REALTORS Today
for additional information
717-569-8245
Claude F. Bechtold ML 12028

76 ACRE

General farm located in Manor Twp. features 60 acres of tillable high producing soil, 4 bedroom home, barn, 12x60 silo, tobacco shed, 40x100 equipment shed and 10,000 cage layer house. $243,000. Call 717-464-4700.

123 ACRE BEEF & TOBACCO FARM

Highly productive w/frontage on 2 roads. Two tobacco sheds, 100,000 bushels of grain drying operation, large pond and a 6 stall horse barn Also includes restored brick farmhouse with large modern addition. Only 10 minutes from Lancaster. Call 717-464-4700.

18TH CENTURY STONE

Farmhouse, Circa 1830, recently repainted. Is beautifully situated on 6.6 acres of rolling countryside, privacy without isolation. Herb garden and a 36x21 barn for horses. This enduring home has been gracefully updated for today's lifestyle. Featuring 3 bedrooms, 2 baths, summer kitchen, 1st floor solarium/family room with woodstove and a 2 car garage. $195,000. Call 717-786-2131.

ASSUMABLE 5% MORTGAGE

200 acre "turnkey" Dairy operation including 60x80 stanchion barn, 24x48 corn barn, 36x50 & 36x60 implement barn; two pole barns attached to main Dairy barn, 32x48 & 24x24; 12x35 & 20x60 silos. 147 acres of tillable productive loam soil. Large stone house with new roof and new kitchen. Located just outside Millfintown and near Mennonite Schools. This is a great opportunity to get started in the Dairy business. Priced at just $1,345.00 per acre. Call Jeff at 717-786-2131 or 717-548-2469.

Century 21
EMORY D. WAGNER CO. REALTORS®

SHEETZ REAL ESTATE
RAY N. WILEY INC.
323 W. Main St.
Mount Joy, PA
CALL 653-1481
FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

May God grant that your home be filled with warmth of the season & your heart be filled with joy.

Celebrating The Birthday Of The King Of Kings

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569-8701
or Ephrata 717-733-3344
REALTOR

SALE OF FARM BY UNITED STATES GOVERNMENT: 117 acre farm located in Southern York County, Pennsylvania only 3 1 miles west of Interstate 83 along PA route 216 and approximately 1 5 miles northeast of Glen Rock This farm is currently set up for use as a dairy farm, but could easily be converted to use for beef, sheep, horses, or just a rural residence

The farm contains ± 80 acres of good, rolling cropland, ± 25 acres of pastureland, ± 5 acres of woodland with the remaining ± 7 acres used for the farmstead and wildlife areas There are 2 houses, each 2 stories, and in good condition, a 64 cow freestall barn, with bunk feeder, concrete barnyard, and attached DeLaval 6 stall milking parlor, 2 poured concrete silos (16'x60' and 20'x60') with unloaders and an 800 gallon ESCO bulk tank The entire dairy complex was built in 1971 There is a small manure lagoon next to the barn This property was formerly owned by H Laverne and Judith Hess

An open house will be held to show the property on Wednesday, January 7, 1987 from 10 00 A M to 1 00 P M Snow date will be Monday, January 12, 1987 from 10 00 A M to 12 00 P M

The farm property contains highly erodible land and will be sold subject to the requirement that the successful bidder must contact the Soil Conservation Service (S C S) so that a conservation plan for the highly erodible land can be developed PRIOR to the completion of the sale

BID DEPOSIT: Bid must be accomplished by certified check, cashier's check, postal money order, bank money order or bank draft, payable to Farmers Home Administration (FmHA), for at least ten percent (10%) of the total bid Preference will be given to a cash offer (where FmHA does not provide the financing)

RATES AND TERMS: A minimum of ten percent (10%) down payment is required with terms on the remaining credit not to exceed 25 years or a period for which the property will serve as adequate security, whichever is less The interest rate will be determined at the time of approval of the credit requested based upon Farmer Program ineligible interest rates published in FmHA instruction At the current time, the rate is 11 6250% Any changes before the time of approval will be available upon request at the FmHA office Rates and terms available to the bidder considered eligible for FmHA regular loan programs may vary

TERMS OF SALE: Sealed bids are invited and will be accepted until 4 30 P M EDST, January 13, 1987, at the Farmers Home Administration office, 124 Pleasant Acres Road, York, PA, and will be opened publicly at 10 00 A M EDST, January 14, 1987, at the York office The Government reserves the right to reject any or all bids This farm will be sold without regard to race, color, religion, sex, age, national origin or marital status This property is being sold subject to the Environmental Regulations of The USDA

For further information and bid forms please contact the Farmers Home Administration, 124 Pleasant Acres Road, York, PA, telephone 717-757-7635

ATTENTION
Dairy and Beef Farms Available in Butler and Mercer Counties 160 to 1000 acres
Call Art Miller or Jerry Schaefer at 412-287-0771.
COLDWELL BANKER COLLINS REALTY

55 ACRE DAIRY FARM NORTHERN PENNA.
* Pipeline, etc.
* 3 Bedroom House
* Good Producer

Reduced to the mid 60's
KINGSWAY REALTY
717-569-8701 or
717-464-2233
Ask for Carl

Southern Huntingdon Co. Farms

Germany Valley

2 adjoining farms, totaling 316 acres, approx ½ tillable, has old stone house, large limestone caverns over 200' long w/underground stream coming out of ground w/trout reproducing in it Would make great recreational development or farming $850 per acre

Germany Valley Dairy Farm

With 8 room & bath brick home, 136 acres w/approx 100 acres tillable Limestone ground, 40x100' modern barn w/47 stanchions, 40x72' free stall barn, pipeline milk system, 1200 gal. bulk tank, 20x80' & 14x65' concrete silos w/unloaders, 40x80' & 20x60' implement building w/corn cribs along side, many other extras $195,000

Near Three Springs

Dairy farm, 175 acres w/150 acres tillable, large barn w/44 stanchions, 2 nice homes, stream & good spring on property Many other extras $285,000

Near Shirleysburg

65 acre farm w/large frame 2 story house, 50x76 barn, 16x50 concrete silo w/unloader, 60' concrete feed bunk, 2 wire corn cribs, milkhouse, bulk tank, spring fed pond $79,000

Colonial Real Estate Agency
814-447-5511

SANFORD G. LEAMAN, REALTOR
717-569-4264
Auctioneer
ESTATES • APPRAISALS • LIQUIDATIONS
101 White Oak Dr , Lancaster, PA 17601

PEACE ON EARTH

SOMERSET CO
150 Acre dairy farm 75 acres tillable 3BR house barn for 30 cows plus heifers or could be used for beef Priced to sell For more information or appointment to see Call Ernest Holsopple at 814 479 7682

TIOGA CO
Near Canton is this 118 acre executive hide away Ideas for this property are sheep hog or horse farm Some woodland a large several acre pond with waterfowl and a new 40x60 bank barn Call Sandy Leaman at 717 569 4264

HUNTINGDON CO
One of the nicest farms in Huntingdon County Hog and beef operation A good bargain at $2 000 per acre Close to everything Church shops schools etc Excellent for hunting This farm is a show place Buildings in A 1 condition New 200 hog fattening units Liquid manure system contract with Purina Call Ken Young 426 1098 to see

UNION CO
White Deer Twp Very desireable mountain property with 27 Acres and a cabin Phone and electric to cabin Near state game land Excellent trout stream forest and water Access road to property Call Fred Clark 717 523 7201 for more information

24 acres all wooded Deer and grouse Excellent hunting area Call Sandy Leaman at 717 569 5264

COLUMBIA CO
185A Dairy with pipeline 500 gal bulk tank large bank barn well water and stream in high state of cultivation Has great potential and is reasonably priced Call Pete Zeisloft at 717 437 2305 for more details as well as other fine farm listings

SNYDER CO
118A Dairy with pipeline bulk tank small silo imp shed calf pens and large Middle Creek running through the property There is a modern three bedroom home with Jenn Air range excellent soil Priced right Call Sandy Leaman at 717 569 4264

LYCOMING CO
This farm is a good buy at regular price and has just been reduced almost $65 000 This 165 acre dairy w 145 acres tillable in high state of cultivation is a real steal! FHA assumable at reduced interest if qualify A modern four bedroom house with 1 baths This is a free stall operation with 19 stanchions on pipeline Owner is selling due to health reasons Call Sandy at 717 569 4264

BRADFORD CO
69 101 cows is what this modern dairy farm will handle The tie stall barn has lots of nice features The 268 fertile areas are some of the best in Bradford County Lots of extras with this farm For more information call Barbara LaMont at 717 297 2619

250 acre ideal for a veal or beef operation Barn 44x144 Level high production land pond large home Silo and room for an air strip A great place for a very reasonable price Call Sandy (717 569 4264) or Barb LaMont (717 297 2619)

418A Large dairy operation near Troy This super dairy farm is in a high state of cultivation with two harvestors and stone silos free comfort stalls for over 125 cows or more The exceptional farm house is one you must see Talk to Sandy (717) 569 4264 or Barb (717) 297 2619

JUNIATA CO
136A beef for only $169 000 Richard Crawford at 734 3673 for this and other beef farms in Juniata Co

DAUPHIN CO
137 Acre multi use farm Could easily be a modern dairy or beef farm Maybe even sheep or hogs There is a 2 story turkey house with a 3 stage growing program for 6 000 Rather new modern home A buy under $350 000 Call Pat at 896 8958

PERRY CO
110 acre dairy with 24 stanchions and 30+ free stalls There is approximately 100 acres for rent on ad joining farm This farm is in a high state of cultivation Home has recently been modernized insulated and is in excellent condition This beauty is priced at $219 500 Call Sandy Leaman 717 569 4264

LEBANON CO
69 acre modern dairy Excellent facilities for 80+ milking operation Excellent stone house built in early 1800s Excellent limestone soil Ideal for investor as owner would lease back Fall or spring possession whatever you desire Call Sandy Leaman at 717 569 4264

"We Serve Your Farm Needs"
Call

BERKS, CHESTER AND MONTGOMERY COUNTIES CALL DAN MESSNER AT 215 286 2971
YORK, ADAMS SOUTHERN CUMBERLAND AND FRANKLIN COUNTIES CALL JERRY K STERN AT 717 246-1471
SOMERSET CAMBRIA BLAIR, HUNTINGDON AND FULTON COUNTIES CALL ERNEST HOLSOPPLE AT 814 479 7682
UNION AND MONTOUR COUNTIES CALL FRED CLARK AT 717-523 7201
COLUMBIA AND NORTHUMBERLAND COUNTIES CALL PAUL "PETE" ZEISLOFT AT 717-437 2305
LANCASTER COUNTY CALL KEN YOUNG 717-426-1098, OR SANDY LEAMAN 717 437 2305
DAUPHIN COUNTY CALL PAT KAUFFMAN 717 896 8958
BRADFORD COUNTY AND LYCOMING COUNTY CALL BARBARA LAMONT, 717 297 2619
JUNIATA PERRY, FRANKLIN COUNTIES CALL RICHARD B CRAWFORD 717-734 3673

PENNA FARMS

FRANKLIN CO.

55 Acre Limestone Soil, milking barn, pipeline milkers, bulk tank, lounge area, hay & implement storage Additional acreage available No dwelling

Limestone Soil 5 acres to 175 acres You decide Double four Herringbone parlor, 4 in line milking units, bulk tank, 40x80 lagoon, 50x80 bank barn, 96 free stall pole barn, 2 family dwelling (stone and brick), each 3 BR - Never failing spring

107 Acre General, 86 acres tillable, 10 pasture, 8 wooded, large bank barn, wagon shed with attached garage, 3 BR brick dwelling, 2 streams

CUMBERLAND CO.

NEW LISTING

115 Acre modern dairy farm, complete new dairy facilities, 48 tie stalls, pipeline milkers (automatic takeoff), 1,000 gal tank, 20x70 silo w/unloader, bank barn, 40x70 implement building w/3 automatic door openers, modern 4BR dwelling LIMESTONE SOIL

75 acre dairy, 26 tie stalls, bulk tnak, stable cleaner, silos w/unloaders, implement storage, new furnace, 4 bdr dwelling, farm pond, beautiful view of the mountain

95 Acre General Farm, 2 story Colonial brick and aluminum dwelling w/brick fireplace and car port Nestled among the trees Secluded from neighbors but adjacent to mountain for the individual wishing to have horses for riding Fertile sandstone soil, 20 acres wooded w/timber, large horse barn w/16 stalls and other outbuildings

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 776-7707

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

Thank You!!

As the end of another year approaches we wish to express our gratitude to you, our farm friends, for the relationship we have with you!!

To keep you informed of recent activity; we presently have the following properties under agreement.

		Original List Price
1. 110 Ac.	Lanc. Co.	$795,000.
2. 202 Ac.	Cumb. Co.	$425,000.
3. 316 Ac.	Perry Co.	$630,000.
4. 342 Ac.	Bedford Co.	$495,000.
5. 3 Ac. Broiler,	Lanc.	$220,000.
6. 24 A.	Ind. Lanc.	$480,000.

As you can see we do need some new farm listings! Why not call (or write) today for a free consultation on your farm needs?

May you & yours be blessed & discover anew the true meaning of Christmas.

What is the real meaning?? Well, it does seem strange that we go all out "Commercially" for Christmas and seem to forget that this baby was born to die for all of us on what we call "Good Friday". Think about it - How much do you hear about it? Oh Yes Easter!!

P.S. Don't forget to call for a brochure on that beautiful Lebanon Co. Dairy Farm.

Mahlon Oberholtzer
Real Estate Agency
Smoketown **717-392-1177**

450 Acre, Bradford County Dairy Farm

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VALLEY'S FINEST If it's a farm you want, try this one for size 427 acres- 300 tillable, 127 wooded 34'x274' cow barn, 2 concrete silos, heifer barn, 2 stall machinery shed, 750 gal bulk tank with pipeline, 4 ponds on property, 2 family home features aluminum siding, modern kitchen & baths & 2 stall garage Call for details today! Asking $235,000

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York Co.
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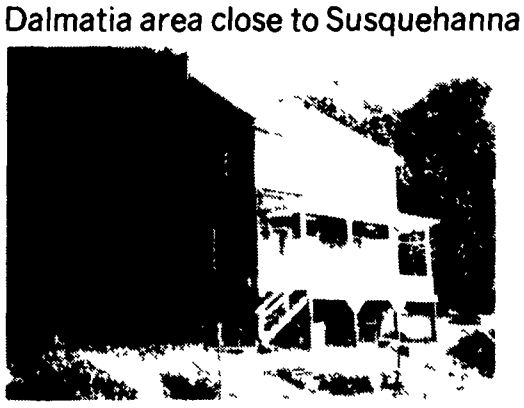

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• 188 Acre, 130 T Dairy farm with large double 13 room house, 3 car garage, 86 stall barn, 1,000 gal tank pipeline milker, barn cleaner, large machinery shed $165 000 Cattle & machinery available under separate contract

SUSQUEHANNA COUNTY

• 565 Acre dairy farm Features 145 stall barn, heifer barn large machinery shed, 2½ story house with kitchen dining room, living room, office, family room laundry 3 bedrooms 1¼ baths 2nd House Modern 3 bedroom with kitchen dining room living room and bath Apartment with modern kitchen, living room dining room 3 bedrooms 1¼ baths 3rd House New 2 bedroom kitchen, living room and bath $750 000

POTTER COUNTY

• 116 Acre, hunting ground 30 acres open, balance wooded, borders 2 roads & river Possible Owner financing $50,000

LEHIGH COUNTY

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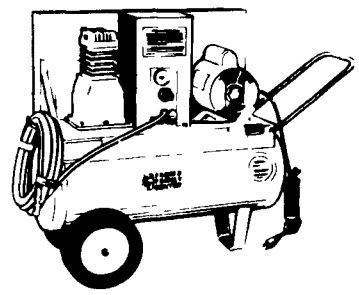

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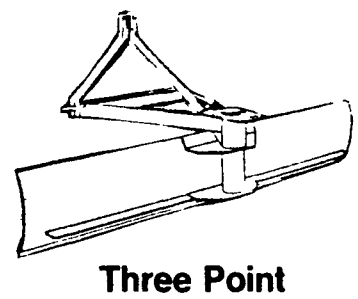

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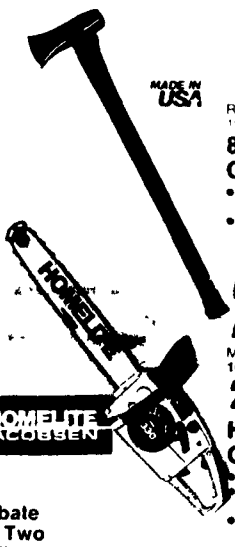

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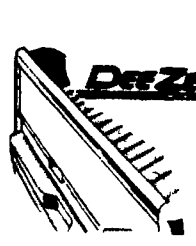

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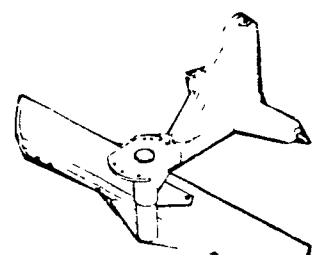

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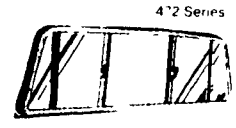

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Assorted Christmas Ribbons & Bows
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SAVE 40%
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7 Mt King Balsam	28133 031	104 99	62.99
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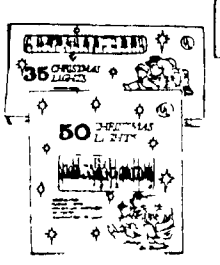
All include stand and storage box



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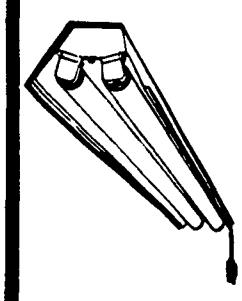

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• Ford • New Idea • New Holland •

May your Christmas be one of rejoicing
And bring you the things you hold dear,
With God's love to bless and keep you
Day by day through a happy New Year!

R.S. HOLLINGER & SON, INC.
Mountville, PA

Lancaster Farming
P.O. Box 366
Lititz, PA 17543
717-394-3047
or Lititz
717-626-1164

HOURS: Mon., Tues., 8 a.m. to 5 p.m. Wed., Thurs., & Fri. 7 a.m. to 5 p.m.

The following categories are available for your classified advertising in Section C. Deadline-Thursday morning at 9 of each week's publication
1 - Farm Equipment
2 - Farm Equipment Wanted
3 - Silos and Unloaders
4 - Building and Supplies
5 - Grain Equipment
6 - Dairy Equipment

The following categories are available for your classified advertising, in Section B. Deadline-Wednesday afternoon at 5 of each week's publication
7 - Livestock Equipment
8 - Cattle
9 - Horses & Mules
10 - Sheep & Goats
11 - Swine
12 - Artificial Breeding
13 - Hog Equipment & Supplies
14 - Poultry & Supplies
15 - Feed & Seed
16 - Fertilizer
17 - Plants
18 - Fruits & Vegetables
19 - Nursery
20 - Lawn & Garden
21 - Services Offered
22 - Custom Work
23 - Help Wanted
24 - Situations Wanted
25 - Business Opportunities
26 - Household
27 - Pets
28 - Lost
29 - Found
30 - Computers
31 - Notice
32 - Miscellaneous
33 - Recreational Vehicles
34 - Autos
35 - Trucks and Trailers
36 - Real Estate

MF Super 35 combine, 2 heads, in almost new condition, $1,950. 219-862-2151.

NH 900, completely redone, new tires; NH 850 round baler, always kepted inside. 301-833-1847

New Calumet 8' liquid manure pump, discontinuing dealership. Call Mike 804-275-9237.

New drain oil heater, #275; IH #37 baler, $100, has broken needles; MF 65 NF gas w/P. steering, good tires and paint, 3PTH, $1,700. 717-534-1253.

IH 715 diesel, hydro, 13' 4-30", excellent, $6,750. Steven & Sam Stalter, "The Combine Boys". 219-862-2151

IH 820 Flex Head, 13', very good condition, always shedded. $3,000. 301-867-1888.

IH hydro 70 gas, WFE w/2350 loader, $5,800. 301-833-9091.

AC 7040 tractor, 135 h.p., cab, air, power shift, front & rear weights, dual hyd., radio, many extras, clean, 2600 hrs., excellent condition, $9,800. Make Offer. 717-249-2300

AC D-14 auxiliary motor, Wisconsin VF-4 with or without clutch reduction, 2 cyl. Wisconsin. Also used Wisconsin parts. 717-656-9734.

AC HD5 Dozer, 371 Detroit, 90% undercarriage, recent overhaul, remote PTO, 24 h.p. Pasqualli, 4WD, 3PH, PTO, loader. York Co. 717-927-6564 Evenings.

Also Better Built lagoon prop-pit agitator, excellent condition, $2,000 negotialbe. 717-788-3510

MF 760 Dsl., V8 hydro. Combine. AC cab w/ heater, 30.5Lx32 tires, 16' table w/pickup reel & auto. header heights control, Chopper & bin extension, v.g. condition, 301-272-2620 night.

AC 7000 cab, air, low hrs., very clean, $5,800. 301-833-9091.

JD 16" 4 btm. plow, 3 pt., cover boards & mold board extentions, good condition, $550. or Reasonable Offer. 301-834-6138

JD 2010 Dozer w/95 Backhoe, new UC, new steering clutches, $4,500. 301-867-1888.

JD 2020 diesel tractor w/model 146 loader, very nice, $6,200. 717-532-7054.

JD 210 disc, 14'-3", 18" blades front, 19" rear, excellent, $1,800. Lanc. Co. 717-354-5092

JD 210 disk, 14' wide, good condition, $1,975. 717-949-2657.

Chisholm Ryder multi-D bean harvester, 1983 Model rebuilt 1986, not used 1986 season, $35,000 or best offer. George Wilson, 690 Iris Rd., Casselberry, FL 32707.

CRAWLER TRACTOR PARTS CURRENTLY DISMANTLING

AC, Cat, IHC, JD, Case, Michigan, Hough, Galion and others. Loaders, dozers, graders, excavators, rollers. Many parts removed & checked, ship anywhere.

JUST ARRIVED FOR PARTS

Cat 977 20A w/very good undercarriage. AC HD-7G loader. IH TD-6 62 series w/angle dozer, Carco winch & ROPS canopy w/sweeps. Many good parts on this machine.

USED PARTS PRICED RIGHT

IH 125C & E tracks and pads w/sprockets, excellent condition, package price, $1,700. Parts brochure available.

Balanda Equipment Co.
PO Box 337
Hatfield, PA 19440
Yard Location:
Quakertown, PA
215-855-9207
Day or Night

JD 2940 tractor, nice. Priced to sell. JD 35 chopper, $1,400. 717-733-0575.

JD 3020 diesel, WF, new paint, $4,600. 717-532-7054.

JD 30 combine, pull type; (2) 4 row corn beaters, 1,000 rpm & 540 rpm; (2) David Brown tractors, 990 & 3800, for parts. 215-262-0908

CAB for IH tractor, $225 or will trade for fenders. 609-397-1516.

Calumet 2250 gal. liquid manure spreader, fair condition, $1,500. 301-398-2948.

Calumet 8' liquid manure pump, hydraulic lift and tilt, new condition, used only once. Hagerstown, MD, 301-790-3698.

Case 970 WFE, manual shift, new rubber, 1900 original hrs., one owner. Must see. $6,500. 301-833-9091.

Case 970 WFE, cab, air, low hrs., $6,800. 301-833-9091.

BACKHOE ATTACHMENT: IH 3028, 3 pt., excellent. $1,900. 301-833-9091.

BACKHOE: IH 3500. Must see. $6,900. 301-833-9091.

BACKHOE: JD 410, ROPS, w/enclosure, extend-a-hoe, very good condition, $8,800. 301-833-9091.

Better-Bilt 26' lagoon pump, 540 RPM, full hydraulic controls, good condition. 301-790-3698.

Better-Bilt 3600 gal. liquid manure spreader, good condition. Westminster, MD. 301-398-2948.

NEW EQUIPMENT

WHITE-
2-88 Tractor w/Cab
508 4/5 Bot. Plow
598 5/6 Bot. Plow
5100 6-Row Planter w/Dry Fert.
Field Boss 16 Compact Tractor, 4WD

KUHN-
10' 2 Pull Type Tedder
11' 6 Rake & Tedder
17' Pull Type Tedder

GEHL-
BU970 For. Box
FB 1540 Blower
RM 1460 Round Baler
DC 2330 Disc Mower Cond.

NEW IDEA

FARM EQUIPMENT

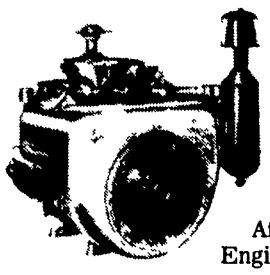
NEW IDEA-
353 Spreader
362 Spreader
272 Cutditioner

USED EQUIPMENT

NI No. 10 Cornpicker
Gehl FB99 Blower, Reconditioned
NI 213 Spreader
Int. 403 Diesel Combine, 4 Row Narrow Hd., 13 Ft. Grainhead, Cab - Good Cond.- See By Appointment Only!
Int. No. 110 Forage Box with No. 330 Running Gear, Nice.

MILLER EQUIPMENT CO.
RD 1 Bechtelsville, PA
215-845-2911

NOTICE NOTICE NOTICE



BEILER ENGINE SERVICE
280 PENNSY ROAD
NEW PROVIDENCE
PA 17560

After 8 Years Of Servicing Primarily Wisconsin Engines, We Have Decided To Become An Authorized Wisconsin Service And Warrantee Center.

As An Introductory Offer We Will Give:
- 15% Discount On All Wisconsin Parts Sold Over The Counter
- Free Pickup And Delivery In Lancaster Co On Engines Under 70 HP If Scheduled Before Jan 15, 1987
- Plus 10% Off On Repair Bills

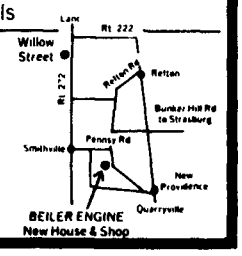
Also featuring For Farmers, Contractors, & Homeowners Our Winter Discount Program.

10% Discount On Parts And Labor On Engines Scheduled for Repair Before Feb. 28, 1987

Get Your Engines In Shape Now For Spring We Can Repair, Overhaul Or Rebuild Your Engine Or Tractor We Stock Parts For Lambardine Diesels, Wisconsin, Kohler, Kawaski, And Briggs & Stratton Engines

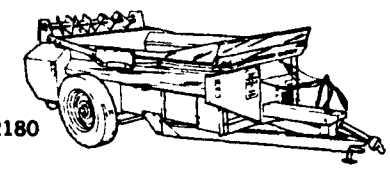
Call 717-786-7943
Between 7:30-8:00 A.M.
To Schedule Pick-Up

LOMBARDINI · BRIGGS & STRATTON · KAWASAKI
SALES • SERVICE • ENGINE DISTRIBUTOR



Badger

Spreader Special
Buy now and save!



New Badger 2180 Manure Spreader, 233 Cu. Ft.

List Price 4,055

End Of Year Special..... $3,245

Call Us For Many Other End Of Year Specials.

SHOW-EASE STALL CO.
573 Willow Rd Lancaster, Pa.
717-299-2536

During the Holiday Season more than ever, our thoughts turn gratefully to those who have made our progress possible. And in this spirit we say, simply but sincerely

Thank You And Best Wishes For a Merry Christmas and a Happy New Year

Lawrence, Butch, Sandy And Employees

Sales: Tiny, Monte & Bart

Parts Department: Gary And Ken

ERB & HENRY EQUIP., INC.

One Mile North of Boyertown In New Berlinville, PA. 19545

case IH

Ph: (215) 367-2169
Daily 7-5:30; Sat. 7-3

LOVE...FAITH...
PEACE

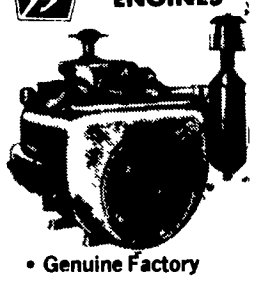
Of these three eternal gifts the greatest is Love. At this glorious season we hope this most precious gift will be yours.

From All Of Us At Norman D Clark & Son
- James Gibbons
- Robert Peterson
- Barry Dougherty
- Tony Sweigart
- Fred Uniatowski
- Doug Shearer
- Sharon Peterson
- Mr. & Mrs. Norman D. Clark & Family

NORMAN D. CLARK & SON
Honey Grove, Pa 17035
717 734-3682
Located 14 Miles South Of Port Royal On Rt 75

All Steel Frame
Hay Wagon, 8x18
All Sizes, Steel
Hay Feeders
24' Feeder On
Whls.
Self Locking Panels
J & L EQUIPMENT
St. Thomas, PA
717-369-2637

NEW & USED ENGINES



- Genuine Factory Parts
- Complete Overhauls & Tune-ups
- Engine Application Engineering
- We Make Service Calls

Call Us For A Quote Now
WES STAUFFER ENG. & EQUIP.
RD #3, Box 659
Ephrata, PA 17522
(717) 738-4215

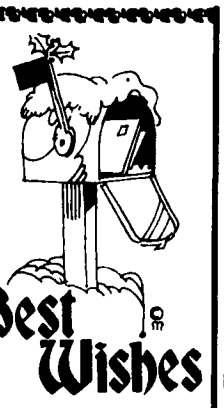
USED TRACTORS
JD 3020 Side Console
JD 4020 w/Hiniker 1300 Cab
Case 1394 w/14 Hrs.
Case 1210 Power Shift
Ford 5000, 1971 model
Ford 7700 w/cab & Air
Ford 3600 Dsl. w/P. Steering
Ford 4000 SU, Gas, Very Nice
Ford 3000 Gas, P. Steering, 1500 Hrs. SOLD
Ford 601, 5 spd., power steering
Ford TW10, 4 WD w/cab & Air
Ford 7700 4WD w/Cab & Air
Ford 7700 4WD w/Cab & Air, w/Ford 777F Loader
AC WD45
Oliver 880, power steering
Oliver OC4 Crawler Loader

USED EQUIPMENT
Case Skid Steer Loader, Water Cooled Engine
NH 770 w/Both Heads
NH 707 3 pt. chopper
NH 890 w/2 row
NH 718 w/2 row
NH S717 w/1 row
Gehl CB600 w/2 row
NH 845 small round baler
Gehl 1400 Small Round Baler, Very Nice
NH 276 baler w/thrower
NI 325 Super Sheller
NI 325, 2 RN, 12 Roll Bed
NI 323 1 row picker
Oliver 4-16 ST plow
Oliver 4-16 AR plow
White 5x18 AR Plow
Gehl 710 forage box
NI 213 Manure Spreader w/Endgate
NI 214 Flail Manure Spreader w/Endgate
NH 474 Haybine
NH 477, 7' Haybine
NH 256 Rake w/Dolly Wheel
NH 258 Rake
Pa... Heater forage SOLD
Gehl 910 forage box
NH 354 Feed Grinder

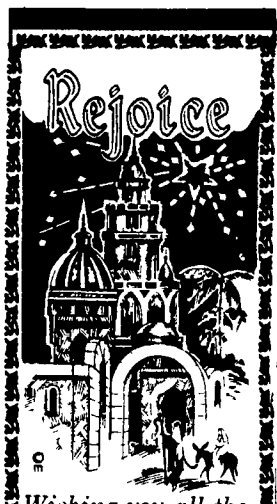
Call Norm or Mark at
Norm Shores & Son Tractor
Towanda, PA
717-265-9014

Lockwood 423 4 row potato planter; Super VI potato harvester, belted chain in excellent condition; Mark 76 potato harvester, belted chain in excellent condition. 302-734-9966, 8:30 a.m. to 4:30 p.m. 302-734-7645 after 6 p.m.

WOOD SPLITTER: Dansuser 4', $500. 301-833-9091.



Best Wishes
Here's hoping you receive many fun-filled surprises!
SHOVER'S
Loysville, Pa.
717-789-3117



Wishing you all the happiness this holy holiday can bring. May your Christmas be brightened by our thanks.

TRACTORS
TW30 w/Duals
Ford 861
JD A
MF 180
IH 1066 w/Cab
Ford 3550 TLB
Ford 7710 w/Cab
Ford 7700, 4WD, Less Cab
Ford 5610 Less Cab
Int. 656
AC 160
Ford 4000 Gas, SOS
Ford 1100 2WD
Ford 1100-4WD w/mid mower
8 & 9 N's

EQUIPMENT
NH 489 Haybine
NH 78 Baler w/Thrower
JD 24T Baler w/Kicker
NH 717 Harvester
NH 782 Harvester repossessed
NH 717 Single Row Corn Head
(2) Grove Chuck Wagons
Lots of Lawn & Garden Tractors w/Mowers & Snow Blowers.
Artsway 325A Grinder Mixer w/Scales
NH 425 Skid Loader
Bobcat 843 Skid Loader Perkins Dsl.
Bobcat 610 Skid Loader

CHARLES S. SNYDER INC.
RD3
Tamaqua, PA 18252
Phone: 717-386-5945

For Sale: Farmall H w/ PTO, new paint, tires, overhauled, $995. or Best Offer. 717-469-2953 Evenings, or 717-534-4213 Days.

NEW 3 PT. FARM EQUIP.
* 1 & 2 Bottom Plows
* Discs - 4' - 8'
* Blades 5'-8'
* Box Blades 4'-8'
* Stone Rakes 6'-8'
* Post Hole Diggers
* 1 Row Cultivators
* Dirt Scoops
* Boom Poles
* Rear Carriers
* Wood Saws
* Fertilizer Spreaders
* Concrete Mixers
* Field Cultivators
* Potato Plows
* Hay Rakes & Tedders
* Rotary Mowers 4'-6'
* 5'-6' Finish Mowers
* Bale Carriers
* Sickle Mowers
* Rototillers
* Log Splitters
* Power Winch
* 8 Ton Wagon Gears
* 10' Tilt Trailer
* '78 Dodge Club-Cab, 4WD PU
* '78 TransAm
DEALERS WANTED
Lots of Used Equipment

KUTZ FARM EQUIPMENT
Pine Grove, PA
(717) 345-4882

"Have A Joyous Holiday Season"

FORD TRACTORS
New CL25 Skid Steer Loader w/Dsl. Engine
New TW 20 w/Cab, 4WD, Air
New 7710 w/Cab, Air
New 5610 w/Dual Power
New 4610 SU
New 2810, 3910
New 1310, 1510, 1710
New 1210 4WD
Used 871

NEW HOLLAND
Used 36 Crop Chopper
Used 273 Baler
Used #7 Forage Box

NEW IDEA
New NI 406 Rake

OTHER EQUIPMENT
New Ford 133 High Clearance Chisel Plow
New Ford 208, 12½' Field Cultivator
Used Leyland 154 Tractor w/Loader
Used Satoh Beaver Tractor w/4WD w/Front Blade
Used Ferguson T030
Used Farmall Cub Loboy w/Mower
Used Farmall 350 Utility
Used Farmall BN w/Cultivators
Used JD 24T Baler w/Kicker
New Glencoe 12'9" Finishing Harrow
New Glencoe Soil Saver Stretch 7 Shank
New Glencoe Soil Saver 5 Shank
New Amco Heavy Duty 12' Disc Harrow
Used Windrow PU & 2R Corn Head to fit IH 550 Harvester

"NEW" NEW HOLLAND
NH 353 Grinder Mixer
38 Crop Chopper
848-853 Round Balers
411 Disc Bine
NH Manure Spreaders
790 Forage Harvester

Sweigard Brothers
RD #3
Halifax, PA 17032
717-896-3414

For Sale. Hough 4WD loader, model HU, engine runs but knocks, has plantary drives. Will sell whole or part. Can Deliver. 607-847-8671

For Sale: MF 1130 diesel, $3950. JD 336 Baler w/thrower, $3650. Reason for selling, bought later models. 717-534-1253.

For Sale: New Idea Kinze corn planter, toolbar mounted. Planted less than 150 acres, $6,600. 301-334-1269.

For Sale: New Idea Kinze corn planter. Tool bar mounted. Planted less than 150 acres, $6,600. 301-334-1269.

For Sale. Thomas skid steer loader, model 1200, hydrostatic drive, good condition, $2,850. 717-776-7725

For Sale. Vermeer 504 & 403 Super G round balers; 256 round bale buster; 275 9' discbine. 412-423-4076

For Sale: VH4D Wisconsin engine, good condition, $575. 717-786-7943. Between 7:30 a.m. & 8:00 a.m.

Gehl #115 grinder mixer, 1000 RPM PTO, auger extension, good working condition. $1,400 or Best Offer. After 6PM 717-656-7994. Leola.

Gehl grinder mixer, model 95, very good condition, $2,300. or Best Offer. 201-359-5934 Evenings.

IH 1066, black stripe, in very nice condition. $6,500. 717-532-7054.

IH 1086 w/cab, very nice condition; IH 806, nice condition. 717-532-7054.

IH 2350 loader, $3,000/Offer. 301-833-9091.

IH #50 Shredder, very good. NH #489 Haybine, like new. 717-444-3545.

IH 656 hydro, dsl., utility, $2,600. 301-833-9091.

IH 674 tractor, nice condition, $6,500. 717-532-7054.

IRRIGATION EQUIPMENT: Long Hard Hose Traveler model 1820; Hale PTO Pump model 50FB2-3R1000; Hale Trailer Mounted Pump model #50FR-C413 high pressure high volume; 2500' Tico 8"x30'; 4000' Tico 6"x30'. 717-532-9108.

Jamesway belt feeder, 60'; (1) 20', (1) 40' single chain Clay elevators, $3,000. complete. Westmoreland. 412-238-6350

JD 1240 4RN plateless corn planter, $1,750. 76 JD 440 Liquifier snowmobile, $825. Both in good condition. 717-665-7434

Dismantling Combines for parts over 400 all makes and models
Call before you come.

All Combines Sold—
free parts for one season
if in our parts lot.

IH: 915, 815, 315, 205, 203, 503, 403, 303, 93, 91, 151, 101, 141, 127, 125, 82, 76, 74. JD: 7700, 6600, 4400, 105, 95, 55, 45, 40, 30, 25, 12A. MF: 510, 410, 300, 205, 35, 92, 82, 72, 90, 80, 70, 60, 27, 26. AC: Gleaner, F, L, M, K, G, E, C, C2, A, 60, 66. Oliver: 545, 535, 525, 430, 40, 35, 33, pull type. NI: Uni, 710 Combine, Huskers, 705, 702, 701, Combine shellers & harvesters. Ford: 622, 630, pull type. Case: 960, 700, 660, 600. NH: 975, 985. MM: 5297, 3496, MM Uni, White 8600, 7300, Massey 750D, Straw Spreaders & Choppers.

COMBINES
1977 MF 510 Diesel hydro w/big rubber, air weights, grain saver & heads, just traded, real nice.
NH TR 85 w/Cat diesel, air, radio, flex grain & corn head, 893 hrs., $16,500.
JD 3300 gas, grain & corn head
1984 Gleaner F2 w/950 hrs 23x26 tires, 4RW of 4RN, 13' flex, real nice
1976 Gleaner L w/big rubber, 6R 30", 4R 38", 13' grain or 16' grain A-1 always kept in, $18,500
1977 JD 6600 side hill w/6R 30" & 14' grain
Massey 300 w/grain & corn head
AC Gleaner E w/10' grain, one owner.
1983 Gleaner F2 diesel w/black 4 row corn & black 13' flex grain head, 1,251 hrs., cab, air & radio
1977 MF 510 diesel, quick tach w/13' grain & 4 row 30" corn, cab & air & grain saver
1979 MF 550 dsl, hydro, 13' grain & corn, $12,000
1976 Gleaner FKS dsl. 13' black grain & corn head, real nice, $12,000
Gleaner F gas w/grain & corn, $6,000
MF 510 dsl, quick tach w/grain & 4 or 6R corn
Massey 82 w/grain & 2R corn, $1200
Massey 72 w/grain, $1200
MF 760 6 cyl turbo w/grain & 6R 30" corn, $14,500
Massey 410 dsl quick tach, cab & air, $4,000
2 C-2 Gleaners w/4RW for 4RN & grain head
Gleaner G, gas w/4R & grain head, $5,000
JD 4400 diesel w/rigid grain head, $7,500
IH 915 diesel, turbo, hydro w/grain & 4 or 6R head, $13,000.
IH 403 hydro w/4R 30" & grain, $5500
MF 510 diesel quick tach w/grain, $5500.
Gleaner E3, grain & 2R, new motor, $ 4000.

Your Choice $2500 Each
3 Case 600, 10' Grain & 2R Corn
2 IH 105 w/10' Grain & 2R Corn
2 JD 45 w/10' Grain & 2R
JD 55 w/12' Grain & 2R

HAYBINES & RAKES
Hesston 10' hydro-swing center pivot hitch, $2850
IH 990 9', $1375
NI Rotobar Rake, $850
3 JD Rotobar Rakes, $450 to $675.
Gehl 9', $875
IH Wheel Rake, $625
NH 489 $3500
NH 474, 7', $3750
NH 256 Rake, $1250
IH Rake w/front dolley wheel, $785.
NH 477, 7', $2150

CORN HEADS
NI 3R 30"
MF 300 3R 30"
IH 503 6R 30"
IH 205 or 315 3R 30"
IH 815 4R 38"
MF 300 2R 38"
IH 203, 205 & 315 2R 38"
IH 403 4R 30" & 4R 38"
2, 3, 4, and 6 Rows

ROTARY MOWERS
3 pt. 6,7 & 8'
Also pull types.

DISC HARROWS
8,10,12 & 14' Wheel Disc
3 pt. 7'
7 & 8' drag discs

SPREADERS
NH tank w/hyd. lid
NI 213 PTO's

TRACTORS
Farmall H, $750
Farmall H, $875
Farmall 400 gas, fast hitch & power steering
AC D-19 Dsl. w/WF, as is.
AC C w/Woods belly mower $1500
IH 340 w/PS, fast hitch
IH 1066 Dsl., cab, dual PTO, 3760 hrs. w/complete motor overhaul, rebuilt injector pump, new oil pump, will show bills, $9500.
Farmall Super M w/WF
Farmall C, real nice, $950
Ford 3000 Diesel, $4000
Farmall Super C w/hyd & pulley $975
Massey 1080 D, $5200
Ford 6000 Diesel $2475
Massey Pony Pacer w/1R cult & 1 btm plow $1250
Farmall 560 Diesel $2850
AC D17 Diesel snap coupler

WIDE FRONT ENDS
AC C
IH 340
Massey 101, 30 & 33
AC D17
AC D19
WD 45
WD
Farmall C or Super C, 200 & 230
Ford 6000 WFE

NEW 3 PT. EQUIPMENT
Post Hole Diggers
Snow, Dirt, Manure Blades
Stone Rakes
Rotary Cutters
Box Blades
Discs
Bale Movers
Hay Tedders
Finishing Mowers
Potato Plows
New Trailers, all sizes
Fert. Spreaders
Cement Mixers

GRAIN HEADS
8, 10, 11, 12, 13, 14 & 15'

TRACTORS ALL WITH LOADERS
Farmall Super C $1,675
Farmall M w/PS $1,850

CORN PICKERS
NI 2R 38" Pull Type
NI 701 or 702 husking unit w/2 or 3R corn head
NI late 323 1R
NI 324 2R 38" w/super sheller, used 1 yr. like new, $3000.
Oliver 73 2R 38" pull type $750
IH 1PR pull type $975
NI #7 1R pull type $700.

PLOWS
(15) From 2-7 Bottom

FORAGE HARVESTERS
NH self propelled w/2R & pickup head
IH 830 3R corn & p.u head
IH #8 flail chopper
AC 720 2RN & pickup $750
JD 34 1R & pickup $875

MISC.
NH Flail Attachment for Baler to cut corn fodder $300.
2 Gravity Wagons
IH fast hitch balanced head mower
Sickle bar mowers, 3 pt. semi & trailer types.
IH Loaders to fit C, Super C, 200, 230, H, M, 300, 350 & 300 & 350 utilities
Ferg. loader w/hyd. bucket & front pump $650

COMING IN
IH 1440 Axle Flow w/1100 hrs., 28x26 tires, 13' flex head
AC Gleaner F Gas w/2 heads $5,875
JD 4010 Diesel $3,875
Case 580 Diesel w/loader and rear weights $3,750
Ford 4000 Gas Industrial Loader and Backhoe, like new tires $5,500.

Christmas is the best time. .
...To wish one and all a Merry Christmas and a Happy New Year. We appreciate your patronage the past year and look forward to serving you in 1987.

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts
IH 1256, 666 Hydro, 806, 706, 660, 656, 560, 504, 404, 460, 450, 400, 350, 300, 340, 240, 230, 200, MTA, M, H, C, BN, A, Cub, F30, F20, F14, F12 JD: M, 4010, 3010, 2020 Dsl, 2010, 720 D, 70, 60, 50, A, B AC: 180, D17, WD, WC, CA, C, B MF 1155, 90, 85, 444, 333, 44, 33, 30, 20 Case 400, 300, DC, SC, VAC Ford 6000, 4000D, 960, 860, 800, 8N, 9N Oliver 1800, 88, 77, 70, 60 Crawler D2 Cat & Oliver MM 5 Star, R, Z, E3 Coop.

KEITER'S FARM MACHINERY
R.D. 1, Halifax, PA 17032 Rt. 225
20 mi. north of Hbg.
Phone: 717-362-9574
No Sunday Calls

Dismantling 50 pickers for parts
POSITIVELY NO OUT OF STATE PERSONAL CHECKS

VERMEER ROUND BALERS: Special Year End Pricing on 1987 models with no payment due 'til next summer. Also available, used balers, disk mowers, tedders, rakes, and twin rakes. John McGill, western PA. 412-352-3582.

WANTED: Good, used, NH 311 hay baler; New 456 NH mower; 752 NI crusher; NH 1003 bale wagon. 717-295-3137 or 717-394-5573

Wanted: MF Wheel Rake, pull type. Also, NH 707 Harvester. 717-483-6996.

White Oliver 1955, 2200 hrs. Must See. $5,500. 301-833-9091.

JD 350 Dozer; Bobcat model 371 Skid Loader. Saxonburg, PA. 412-352-1081.

JD 4010 D., NF, good condition, $3,300. 301-833-9091.

JD 401 w/loader, gas, 2400 hrs., excellent condition, $6,000/Offer. 301-876-1956.

JD 4020, side console w/cab, nice condition. 717-532-7054.

JD 4230 w/cab, quad range, very nice, $10,800. 717-532-7054.

JD 4430, quad range, w/cab, very nice condition, $10,800. 717-532-7054.

Ford 601 Select-o-speed, Sauder loader, tractor runs but needs work, $2,000. or Best Offer. 717-768-3544

Ford 8000, good condition. $3,500. 301-833-9091.

For Sale: 13 Shank mounted IH #55 chisel plow, $1475. Snyder Co., 717-837-0724.

For Sale: Bolen's snow blowers and plows; John Blue sprayer; Ford roll bars, loader bucket. Berks. 717-933-8695

For Sale: Diamond PA90, excellent condition. Must Sell. Reasonable Offer. 717-386-5777

FOR SALE. 2R custom built corn planters with JD max-emerge or Kinze plateless units. Three pt. or pull type. No-till or conventional. Also Tifone air-blast sprayers. Low as $2,800. Pequea Planter, 561 White Horse Rd., Gap, PA 17527. Lanc. Co.

FOR SALE: Allis Chalmers 6070 tractor, like new, excellent condition, 800 hrs. 215-273-9884.

FOR SALE: Blackweldex tomato harvester, 3R Holland transplanter, side dump cart, trailer dolly. All good condition. 717-626-9327.

FOR SALE: Flat belt pulley to fit late model JD tractors. 717-656-7754.

Thinking of you with thanks and hoping your holidays are filled with good friends, happy times and much love.

HERR & LEAMAN

Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222

QUALITY TRACTORS AND EQUIPMENT/REASONABLY PRICED/SERVICED & BACKED WITH A 100% WARRANTY ON ENGINE AND DRIVE TRAIN ON TRACTORS PRICED OVER $4,000 DELIVERY AVAILABLE ANYWHERE

TRACTORS

JD 4440 Quad range, fact. cab & air
1981 JD 4440 Po(SOLD)ift, fact. cab & air
1979 JD 4240, fact. ca(SOLD) Quad range
1982 4040, Powershift fact. cab & air, radials, 1200 hrs., 1 owner, very nice.
1986 JD 2950, fact. cab & air, 400 hrs., one owner
JD 4430, fact. cab & air, powershift
JD 4430, quad, fact cab & air
JD 4430 4 post roll guard, powershift, 1976 model
JD 4230 Quad range, fact. cab & air
JD 4020 dsl., w/500 hrs. on major overhaul, year round cab, dual hyd, diff-lock, WF, very nice
JD 4010, gas, WF
JD 2750 Fender tractor, like new
JD 2640, very nice
JD 3020 Dsl., side console, WF, syncro.
JD 1530 Dsl. w/recent engine overhaul
JD 950 Dsl. w/loader
JD 720 Dsl., rebuilt engine & pony motor
IH 5288, fact. cab & air, fully equipped, 20-8-38 tires
IH 5088, 700 hrs., Western Interior, very nice
IH 5088 1200 hrs, Western interior, duals & weights, 3 outlets w/lift-assist, 1982 model.
IH 1486, 1981 model, 3 outlets, Western int., dual PTO, all of the late features, very nice
IH 1486, fact. cab & air, red interior, 20.8x38 radials, dual PTO & 3 outlets
IH 1086, fact. cab & air, new TA, diff-lock, red seat, 79 model.
IH 1086 fact. cab, air, fully equipped
IH 986, 1981 model, fact. cab & air, all the late features, low hrs., nice
IH 986 Fact. Cab & Air 38" Rubber
IH 986, fact. cab & air, '79 model, 1000 hrs.
IH 886, 1980 Model, Fact. Cab & Air
IH 886 Cab & Air, Fully Equipped, Sharp Low Hr. Tractor
IH 1066, 75 model, red cab, air, radial tires, very nice
IH 1066, fact. red cab & air
IH 1066 w/100 hrs. on Major Overhaul, sharp
IH 966 Fender tract. 3 pt, WF
IH 1456, 20,8x38, dual PTO & hyd., nice
IH 1206 w/dual hyds. & PTO's
IH 856 Dsl. WF, fender tract.
IH 856 Dsl., 3 pt., WF, year round cab w/air.
IH 826 Dsl., 3 pt., nice.
IH 806 Diesel, 3 pt. WF
IH 766, WF, 3 pt. with cab.
IH 766, WF, 3 pt. fender tractor.
IH 756 dsl. w/cab & 3 pt. WF
IH 756 Dsl. 3 pt. WF, very nice
IH 784 w/TA & late shift pattern, 1983 model, 790 hrs.
IH 574 Gas, 951 hrs. w/quick tach loader
IH 656 Dsl., hydro, 3 pt., NF
IH 656 gas, hydro WF, 3 pt., sharp
IH 460 gas utility w/rebuilt engine
Farmall 450 gas w/fast hitch, 375 hrs., on complete engine overhaul, very nice
Farmall H, live hyd., nice.
Ford 5000 (SOLD)ry nice
AC 180 Gas, WF
MF 175 Dsl. w/multi-power

HARVESTING EQUIPMENT

IH 715, Cab & Air, Gas, Hydro, 800 Series, Throat, w/810 grain head & IH 843 corn head, very nice unit
K Gleaner w/3RN & 10' grain head, nice
NI 801 fact. cab & air, rear wheel assist
NI 709, cab, air, hydro, sharp
NI 707 Perkins (SOLD) & air, variable speed.
Late NI 702 w/737 husking bed, choice of heads
NI 701 Inline 6 cyl., gas, variable speed, cab
NI 710 Combine w/711 Grain Head
NI 325, 2RN, 12 roll bed, nice
NI 325 2RN, 8 roll husking bed
NI 323 Picker, good
NI 716S Grain Head
NI 767 Super Chopper, nice
NI 740 & 741 Quick Tach Throats
NI 768 W&N, 763 Chopper head.
NI 3 & 4RN Hds.
NI 2, 3, & 4RW hds.
NI 769 Flail-mate for Uni Chopper
MF 44, low profile, 4RW
MF 13 grain head
IH 810 13' grain head
IH 843 4RN corn head

IMPLEMENTS

White model 425 chisel 10-tooth, heavy duty, high clearance w/Buster bar, 1 yr old, 100 acres total.

IH 720, 4x18 Togle trip
IH 710, 4x18" Auto Reset
IH 700 4x16" auto. reset
IH 6000 Conservation til chisel, 13-tooth
Pull type 11 tooth high clearance chisel
3 pt. 10 tooth chisel, high clearance
IH 10' 770 offset disc
Kawanee 10' Cultimulcher
JD 110 Disc, 14'
JD AW Disc, 14'
JD RWA Disc, 12'
IH 500 12' plowing disc
IH 480 Wing Fold, 21'
IH 37 10' Disc, nice

MISCELLANEOUS

IH 2001 Loader
Dual wheels 34's and 38's
3 Cabs to fit 06 series thru 66 series IH tractors
Tractor Weights JD & IH
JD Adapter for High Moisture Ear Corn for JD Chopper
1957 Dodge 500 straight truck $500

Dismantling For Parts
IH 1256
IH 70 hydro w/good hydro
IH 806 Diesel
NI 702 D
IH 706 Gas Tractor
Farmall H
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500' of Patz Gutter Chain.
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AC 185 Tractor
AC CA Tractor w/ Cultivator
AC D17 Dsl. Tractor
AC D17 Gas Tractor
Farmall Cub w/1R Cultivator
JD 40 Manure Spreader w/Upper Beater
NI 214 & 218 Single Beater Spreader w/Hyd. Endgate
NI 382 Spreader, Solid Plus
8C Hydra-Mac Skid Loader

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Ford 555 TLB
Ford 655, 4WD, TLB
Ford 8700, Must be seen to be appreciated
TW35, cab & air, nice
TW30, dual power, cab
6710 4WD, cab
6610, canopy, like new
4610 4WD, orchard
2910 4WD, like new
1910 diesel w/roll bar
JD 2040 w/loader, low hrs., new paint
Kubota M7950, 4WD, Special Price
Kubota 4150 4WD
Ford 550 TLB
Ford 4500 TLB
Case 580 TLB
MF 202D w/loader
JD 310 TLB
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Ford Forklift, 8,000 lb. capacity
Yale Forklift, 3,000 lb.
JD crawler 350 w/ldr.
Case 310 crawler loader
Int. TD6 crawler
25 Used Lawn & Garden

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JD 2840
Farmall 400
Farmall H
Farmall Super A
Ford 6000 w/Cab
Ford 8000 w/Cab
JD 1520 Row Crop, Gas

USED COMBINES AND HEADS
(2) JD 6600 Combines
(2) 444 Cornheads
213 Grain Table
JD 6620 Sidehill
Reasonable Offers Accepted!

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Skid loaders-L-250 In Stock
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JD 4630 Tractor w/Cab
JD 4440 Tractor w/Cab
JD 4020 Side Console WF, Dual Wheels
JD 4020 Tractor WF, Side Console
JD 2840 Tractor
JD 2640 Tractor
JD 1020 Tractor
JD 650 Tractor
JD 300 Tractor w/Loader
IHC 856 Tractor
Case 770 Tractor
JD 24T Baler w/30 Ejector
NI 708 Power Unit
JD 7000 4R Conv. Planter w/Liq. Fert.
JD 7000 4R Conv. Planter w/Dry Fert.
JD 7000, 4R Planter w/Dry Fert.
JD 7700 Combine
JD 7700 Combine w/640 C.H. & Platform
JD 6600 Side Hill Combine w/444 Corn Head
JD 3800 Chopper
JD 38 Chopper
JD 34 Chopper
Bush Hog 160 Rotary Mower
NI #323 1 R Corn Picker
JD 510 Round Baler
JD 27 Shredder
JD 640 Rake
JD 660 Rake
JD 1217 Mower Conditioner
JD 1219 Mower Conditioner
JD 33 Manure Spreader
JD 400 Grinder Mixer
JD 660 Rake
JD 1450 5 btm. Plow
JD 1450 4 btm. Plow
JD 350 5 btm. Plow
(2) Used Hay Wagons
(1) Used Hay Wagon

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case IH

TRACTORS
- Case 430
- Case 530 w/Loader
- Case 1030
- Case 1070
- Case 1490
- White 2-105 Tractor
- David Brown 990 w/Loader
- David Brown 1200
- Ford Jubilee
- Farmall H w/Loader

LOADERS
- Case 1816B Skid Loader
- Case 450 Crawler Dozer
- NH L425 Skid Loader

TILLAGE
- IH 3-16 Plow, Auto. Reset
- IH 370 Disc, 10 Ft.
- Int. 2-Bot. Trailer Plow
- Case Disc Harrow, 10'
- Case Field Cultivator
- Oliver 22' Disk
- Oliver Disk
- Used Cultipacker

HARVESTING EQUIPMENT
- Hesston 2000-150 Harvester
- Hesston Harvester Head-3 Row Wide
- Hesston Harvester Head-3 Row Narrow
- NI Unisystem, 702 Diesel, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 315 Sheller
- NI 717 Combine
- NI 737 Husking Bed
- NI 838 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Corn-picker
- NI 325 12 Row Husking Bed
- NH 717 Harvester
- Gehl 800 Harvester
- Gehl 1200 Harvester w/pickup and 2-row cornhead

HAY EQUIPMENT
- IH 1190 Windrower
- NH 469 Windrower
- NH 479 Windrower
- Hesston PT 10
- Hesston 1010 Windrower
- 2 Bale Thrower Wagons
- Case Hay Rake
- NI 456 Round Baler
- NI 484 Round Baler

MISCELLANEOUS
- JD 38 Ft. Elevator
- Zimmerman Elevator
- King Wise 32' Elevator
- IH 56 Blower
- Int. 56 4-Row Planter
- IH No. 10 13-Disc Drill
- 4-Row Cole Corn Planter
- 6 Used Spreaders
- Scavenger 1263 Manure Spreader
- Scavenger 1678 Manure Spreader
- NI 218 Spreader
- NI 224 Spreader
- NI 245 Spreader
- Weaverline Cart, 24 Bushel
- Weaverline Cart, 30 Bushel
- (1) Gravity Bin Wagon

NEW IDEA

Heavy Duty Tubular MARTIN'S GATES **20% OFF**

NEW SPECIAL
NEW IDEA 404 WHEEL RAKE
$1,250

HESSTON FARM EQUIPMENT

ZIMMERMAN'S FARM SERVICE
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Kubota B7100HSD, 16HP, 4WD, hydrostatic tractor w/5' mid mower, low hrs., very good condition. 814-364-9333 after 6PM.

TRACTORS and SKID LOADERS REBUILT
Perkins and Wisconsin gas or diesel power units
New Briggs & Stratton Belts - Pulleys
Used Wisconsin Parts
Glick's Engines
Leola, PA
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NEW TRACTORS & EQUIPT.
Deutz-Allis 6035, 33 HP, 8F-2R trans
Deutz-Allis 6275, 73 HP, 12F-4R trans, Dual Remotes

SPECIAL OF THE WEEK
All Hay Equipt
[illegible]

Deutz-Allis 6080 84 HP 12F/3R trans, cab
Deutz-Allis 5220, 21 HP, 12F-4R trans, turf tires
Deutz Allis 6265, 65 HP, 12F 4R trans, dual remotes
Landini 5830, 42 Hp 12F/4R trans 4WD Make Offer
SM40CR Mower-Conditioner $4,545
HD 490 Square Baler w/Thrower 23T per hr, $10,150
KH-500 17' rotary tedders $2,595
KH-300 9'10" rotary tedders $1,595
KS-85DN 9'10" rotary rake $1,995
KS-150AS 10'10" rotary rake $2,095

USED TRACTORS & EQUIPT.
DX-160 Radials, Cab, Air, Heat
MF Ind Tractor & Loader, Shuttle Shift, $5,900
IH 656 Dsl, Cab, 15 5x38 tires
MF 65 Tractor Mechanics Special
NH 850 round baler, excellent shape
JD 1209 mower conditioner, stub guards $3,500
Deutz Basic F2L 912 Rebuilt Exchange Engine w/warranty $1,620 Block & Crank Must Be Rebuildable

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USED EQUIPMENT

SPREADERS
JD 790 Spreader, $995
NH 791, $2500
NH 510, $750
JD 40, $995
1257 Demo Hedlund Martin, $4500

TILLAGE
JD 3 BT 14" Plow
JD KBA 9 Ft. Disk
JD 22 Ft. Wheel Harrow
AC 4 BT Plow
IH 3 BT Plow

COMBINES
JD 55
IH 105
JD 344 corn head w/harvester adaptor plate, $2,500
Walsh Sprayer, $595

LOADERS
OMC 320 Skid Loader, $3900

TRACTORS
JD 2520 Dsl., $6500
JD 3010, $5500
JD 2840, $11,500
JD 620 w/237 mounted picker $3500
JD 2520 Gas, $5800
Set of 34" Duals w/Bar Clamps, $450
Set 36" Wheels

HAY & FORAGE
NH 479 Haybine, $1200
JD 38 & 35 Harvesters
JD 510 Round Baler $5100
JD 100 Stack Mover $1700
Hesston 5800 Round Baler, $3200

bobcat
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10% OFF ALL TOYS IN STOCK
Thru 12-24-86
Large Selection of Ford, John Deere and Case IH Toys.
Also introducing Britians Toys from England. 1/32 scale models including Ford, Deutz Fahr, Fiat, Mercedes, Volvo and Massey Ferguson.
We also have digital tractor watches for men, women & children.
We are the First to introduce the Ford 8N watch. Great For Christmas Gifts!
We Will Ship Toys UPS!

Ford 8N
(2) Ford 2000
Ford 2000 Gas w/front blade
Ford 2910
(2) Ford 3000
Ford 3000 Gas
Ford 3600, 1981 w/PS
Ford 3600, 1981, low hrs
Ford 3910
Ford 4000 1966
Ford 4000 SU, Gas
Ford 4100
Ford 4110
Ford 4600
(2) Ford 5000
Ford 6600, 4WD
Ford 6610
Ford 7000 DP
Ford 7700 w/cab & DP
Ford SOLD cab, DP
Ford TW15 w/cab & air
Ford TW20, cab & air
JD 1630
(4) JD 2130
JD 3120
JD 3130
(2) JD 4040, 2WD
(2) JD 4240, 2WD
(2) JD 4240, 4WD, cab & air
JD 4430, fender tractor
JD 4640 w/cab, 4WD
JD 450 crawler loader, good
Farmall H
IH 574 Gas
IH 1206
MF 285
MF 1080
Universal 550, 4WD
T020 Ferguson
225 Timber Jack
Power King 16 h p. w/front blade & log splitter

We also have a large inventory of tractors at our other location at 4530 Olde Scotland Rd., ¼ mile off Exit 8 on 696 North.

¼ Mile East of Exit 6 I-81 on U.S. 30
Hours: 8:30-5:00 Mon.-Fri.
8:30 - 12:00 Saturdays

John Deere 3020 dsl., WF, side console, dual outlets, syncro, excellent condition. $6,000/offer. 301-876-1956.

Disc chisel 9 shank Binkley Wilbeck, excellent condition, $3,500. 703-721-2150 or 703-721-2643 evenings.

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Oliver 1650; AC D19; MM Jetstar 3; and Ford 6000; JD 520; MF 1080; MM 670.
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Special Sale Offer
Demonstrator Integrator I
(Coulter Chisel Plow Combination)
7 Shank Spring Cushion
List Price $6200
Factory Rebate 900
G&D Disc 900
Sale Price $4,400

TRACTORS
JD 2 SOLD as
JD 4030 w/cab
JD 1530

TILLAGE EQUIPMENT
New 18 Ft. Field Cultivator
New 12 Ft. Disk
New 18 Ft. Wing Disk
New Coulter Type Chisel Plow, 7 Tooth
New Tillage Saver
JD 32 RW Disk
JD 12 Ft. Spring Tooth Harrow
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8,10 & 12 Ton Zimmerman Running Gears
Zimmerman Hay Tedders
2 Used Dion Self Unloading Wagons
2 Used SOLD Wagons
1 Used Bale Wagon
New Bale Wagons
New Self Unloading Wagons
(Rugged Construction - Reasonably Priced)

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6 Ft. 3 Pt. Blade
2 1 Sets 18.4x38 Duals, 9 Bolt Hubs To Fit JD 4430

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Specializing in John Deere but will also Rebuild Other Makes.
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- Low Power Requirements
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and Best Wishes
Hope this holiday is the best ever!
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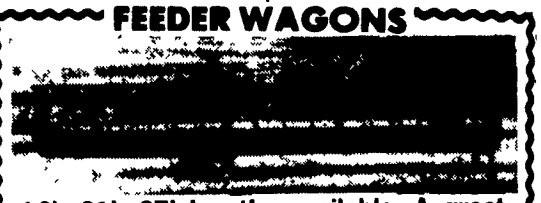
Carlisle, PA
717-243-2686

FEEDER WAGONS



16', 21', 27' lengths available. A great feature for feeding cattle in meadows or in feed lots. Can be used for feeding round bales.
If old gas tanks are used for feeder wagon bottoms, they should be sand blasted. If not, the gas and rust may result in sick cattle or even death. Be safe and buy from us as ours are sand blasted before being painted.

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24 Hr. 7 Days A Week!

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THE LOVE HE HAD, TO DIE FOR OUR SINS.

MAY WE LET THAT LOVE SHINE FORTH THIS JOYOUS CHRISTMAS SEASON AND THROUGHOUT THE NEW YEAR.

case IH
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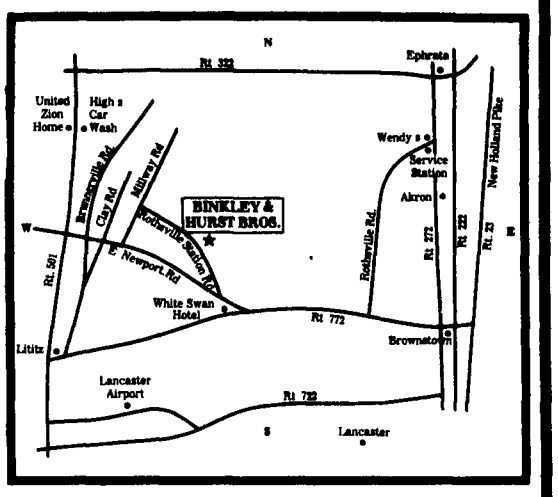
Now Through December 31, 1986



SPECIAL DISCOUNT DAYS HOURS:
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Sat. 7 AM-3 PM
Dec. 24th - 7 AM-3 PM

NOTICE: The Least You'll Save On Our Entire Parts Inventory, And On Paid Orders Of Parts Not Stocked, Is 15% And Some Items Will Be Up To 35% OFF Our Regular Prices!

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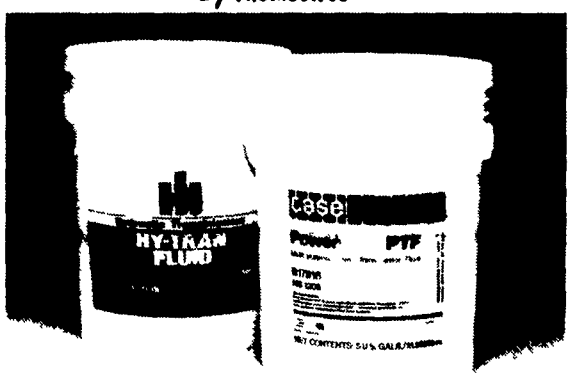

CHECKLIST YOUR SUPPLY OF THESE ITEMS PLUS ANY PARTS YOU MAY NEED TO SAVE UNDER OUR DISCOUNT SAVINGS PROGRAM

- ☐ Hundreds of combine parts
- ☐ Anti-Freeze
- ☐ Air, oil, fuel, hydraulic filters for Case, International and other model tractors
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- ☐ Seat covers
- ☐ Grease cartridges
- ☐ Cutting edges for many different widths & types of buckets discount good on cutting edges even if our shop installs them
- ☐ Ether
- ☐ Gasket sealer
- ☐ Hoses, belts, thermostats
- ☐ Hitch pins & clevis
- ☐ Curved chisel plow shovels
- ☐ Moldboard plow parts
- ☐ Glencoe soil saver points & shovels
- ☐ Disk harrow blades
- ☐ Hydraulic cylinders
- ☐ Head and work lights
- ☐ Engine block heaters for tractor
- ☐ SMV emblems
- ☐ Water pumps, tune-up parts
- ☐ Loctite products
- ☐ And many more!

Farmers & Contractors: Order Your Needed Parts While The Savings Are Big!

Don't Forget... **WE ARE YOUR GIFT HEADQUARTERS FOR 100's OF FARM TOYS AT DISCOUNT PRICES**

Good Selection In Stock... Do Your Last Minute Shopping Here For That Future Farmer Of Yours!

BUY A SET OF DUAL Front & Fear, Shown Below AND SAVE!

Dual Your Tractor On Rear And Front:

- 20.8x38 8 Ply Armstrong Mounted On Circuloc Rims
- 16.9x28 6 Ply Armstrong Mounted On Circuloc Rims

BUY COMPLETE SET FOR $2,275

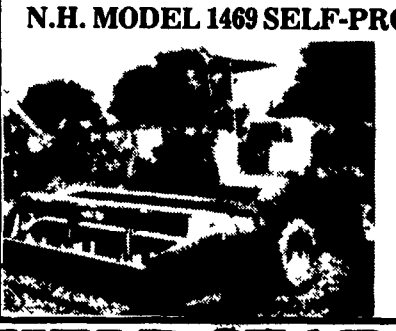
In Stock!

FREE BOX OF CHIPS

For All Customers Who Spend $100 Or More In Parts Or Machinery

SAVE $2,000

N.H. MODEL 1469 SELF-PROPELLED HAYBINE



w/Newly Rebuilt Motor

Was ~~$5,900~~

$3,900

McFARLANE SABIN CITY WISCONSIN

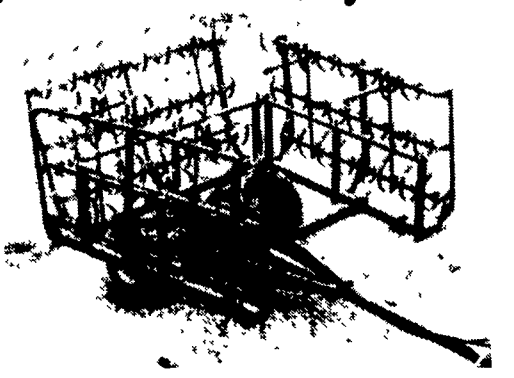
FIELD STAR

Spring Tooth Harrow w/Hyd. Cart

Specifications:

- 15"x6 bolt wheels are standard.
- 11Lx15 tires are recommended, but not included. Optional tire package is available. See below.
- Hydraulic cylinder not included. 3½"x8" is required.
- Maximum transport width is 13'6".
- Parking jack is standard equipment for easier hookups.
- Hinge pins are 1" Grade 5 bolts.
- 23" tooth bar spacing.

McFarlane Model	Working Width	No. Teeth	Approx. Weight
HDD-16	16'	48	2250#



List Price Over $3,000

DISCOUNT SALE PRICE $2,250

SAVE $660

On A Good Used Starline

TANDEM AXLE TANK SPREADER

~~$3,650~~

DISCOUNT TOW-AWAY PRICE..... $2,990

NOTICE

Check Our Complete, 20 Page Sale Flyer From Sat., Dec. 6th Issue.

If You Didn't Receive One, Call Or Stop By And Check Out The Savings Now!

BINKLEY & HURST BROS. INC.

SALES PARTS SERVICE

133 Rothsville Station Rd., Lititz, PA 17543
Located ½ Mile North of Rothsville
(717) 626-4705
Hours: Mon.-Fri. 7 AM - 5 PM; Sat. 7 AM - 11.30 AM
Sun. Closed - Lord's Day

See Us For The Full Line Of CASE IH Machinery
Ask Us About A Special Lease/Purchase Program

BRAND NEW CASE 1816 C UNI-LOADER

16 H.P. w/44" Bucket,
Weight Approx. 2,000 Lbs.

Tag No. NC 1498 & NC1319

Reversible Wheels For:
- Narrow Track - 35"
- Wide Track - 44"

CASH & HAUL-AWAY PRICE ONLY.....$5,450

CASE IH 415 ROLLER MULCHER
Versatility To Match Your Needs

Non-fold models are available in 10 foot 1 inch to 15 foot 3 inch (3.08 to 4.65m) sizes. Choose either notched or crowfoot roller wheels.

w/Cylinder & Hoses For Lift
Set Up & Ready For Work!

Sizes In Stock:
- 10'11" Width, Tag NC 1058
  List Price .....~~$5,455~~
  DISCOUNT SALE PRICE....$4,909
- 12'2" Width, Tag NC 1059
  List Price .....~~$6,303~~
  DISCOUNT SALE PRICE....$5,917

Buy Now While Year-End Discounts Are In Effect!

CASE UNILOADERS ARE GREATLY EFFICIENT ALL AROUND THE FARM w/POWER-IN-HAND COMMAND. They Also Have Many Uses For Construction With Backhoe Attachment, Etc.

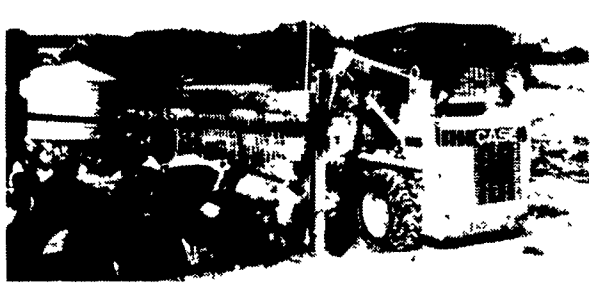
Case Uniloader Skid Steers turn in their own length.

MODEL 1845C 51 H.P.
Why Not Try The All New 1845 C w/Great Serviceability.

MODEL 1816C 16 H.P.
- Narrow Width - Only 35"
- Wide Track Width - 44"
- Bucket Sizes: 36" - 44" - 48"

MODEL 1835B
34 H.P. Diesel
or
32 H.P. Gas

We Are Your Experienced Dealer w/Service & Parts Backup



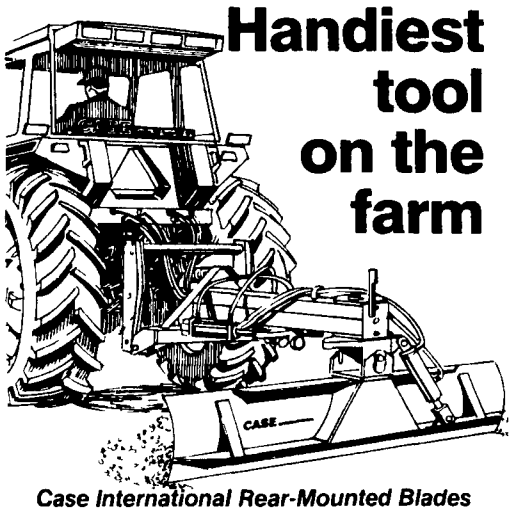
Stop In & Get A GOOD DEAL Now!

NOTE: We Have A NEW CASE 1835B DIESEL In Stock, w/Complete Backhoe Attachment, Model D100, Installed & Ready To Go!

Come And See... Get A Good Deal Now!

We Have Several In Stock!

Handiest tool on the farm



Case International Rear-Mounted Blades

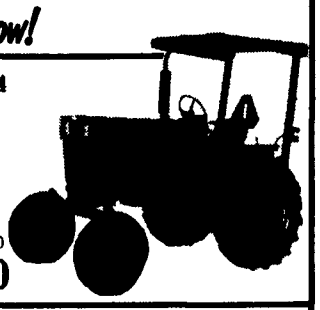
These blades are adaptable for so many jobs you'll wonder how you ever got along without one. Six models all with high carbon steel cutting edges designed to cut not scrape through tough soils. A wide range of angle and offset adjustments let you handle jobs all around the farm — ditching, road grading, backfilling, feedlot cleaning and snow clearing.

Sizes In Stock:
(1) MODEL 30 w/8 Ft. Blade Manual Adjust For Up To 60 HP, Tag No. NC1512 ONLY $750
(2) MODEL 20 w/8 Ft. Blade Manual Adjust For Up To 50 HP $530
(1) MODEL 15 w/7 Ft. Blade Manual Adjust For Up To 35 HP $385

MAKE A GOOD DEAL NOW!

CASE IH MODEL 274
30 H.P. Diesel

Offset design for vegetables, 23" front axle clearance, differential lock, front end wt frame, 3 pt hitch, PTO
Tag NC1050
(Roof not incl.) List $9,300
NOW ONLY.....$6,690

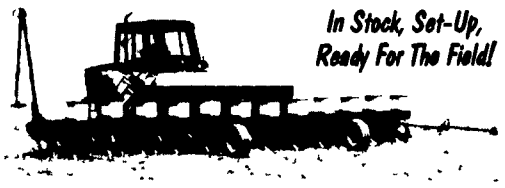


Must Sell Now! SAVE OVER $5,400

Early Riser Planters
Faster, earlier planting early rising crops

LEFTOVER 800 SERIES PLANTERS

In Stock, Set-Up, Ready For The Field!



NEW IH 800 CYCLO PLANTER w/SEED FLOW MONITOR, 6 Row 30", Corn Drum, Row Markers, Insecticide Boxes, 1000 RPM, No Fertilizer,
Demo, Only 1 Left Was ~~$11,254~~
SPECIAL SUPER SAVER SALE PRICE ONLY.....$5,850

Only One Available!

Get A Good Deal On A New CASE IH MODEL 1594

w/Cab, Heater & Air, Rated 85 H.P.
10.00x16.5 Front Tires & 18.4x34 Rear Tires, Double Remote Outlets.

Tag NC1636
Waiver Of Payment & Interest till Nov. 1, 1987

YEAR-END SALE PRICE $22,700

SAVE $2,000

CASE IH MODEL 1494 FENDER TRACTOR 75 H.P. DIESEL

- 2 Post ROPS
- 15 Speed Trans. w/Creeper
- 11Lx15 Front Tires
- 18.4x34 Rear Tires
- Dual Remote Valves

~~$15,500~~
~~$14,800~~

Tag No. NC 1007 **NOW ONLY $13,800**

A Shattered Hardpan Can Give You A More Productive Crop Year

BUY A NEW DEMO AT A DISCOUNT PRICE!

NEW CASE IH 14 SUBSOIL CHISEL

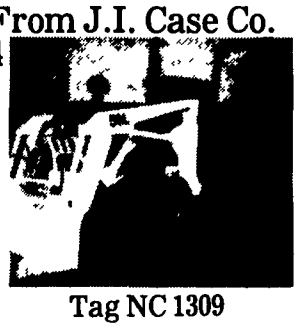
w/5 Shank Auto. Reset, Flotation Tires
Tag No. NC1279

Works behind high horsepower tractors to open soil down to 20" for deep-down penetration of water and air. Parabolic curve shanks lift soil vertically for a wide area of soil fracture. Shank design and V-shape frame combine to deliver easier penetration, reduced draft and less fuel consumption.

List Price Over ~~$6,800~~
YOUR CASH & HAUL DISCOUNT PRICE $4,880

SAVE $2,000... Receive A Check Back From J.I. Case Co.

A NEW CASE IH MODEL 1394
65 H.P. w/Power Shift, Twin Remotes & A New 54L Quick-Attach Loader, Installed
72" Material Bucket & Single Lever Controlled 2 Spool Valve w/Direct Hyd. Power Hookup From Tractor, Leaving Both Remote Valves Free To Use.



Tag NC 1309

BUY COMPLETE - TRACTOR & LOADER READY TO GO FOR...$18,600
YOUR FINAL COST... $16,600

And J.I. Case Co. Will Send You A Rebate Of $2,000 If You Buy This Month!

Last One Left!

MODEL 5100 GRAIN DRILLS

20x6
- Double Disc Openers
- Press Wheels
- Fertilizer
- Footboards

Tag No. NC1074
List...~~$7,924~~
SPECIAL CASH & TOW-AWAY PRICE.....$5,790

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133 Rothsville Station Rd.
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Located ½ Mile North of Rothsville
(717) 626-4705
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Sat. 7 AM - 11:30 AM
Sun. Closed - Lord's Day

GEHL QUALITY AT TREMENDOUS SAVINGS

Don't Overlook These Give-Aways!

Buy High Performance At Big Discounts

GEHL FORAGE BLOWERS IN STOCK

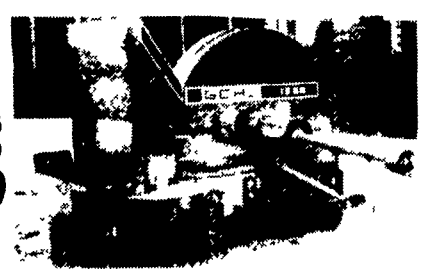
THE ULTIMATE FOR AGE BLOWERS ARE HERE 1540...1580

- 54" Fam Diameter
- Up to 735 rpm nominal fan speed
- 540 or 1000 rpm drive
- 16 Paddles, (8 on each side of the fan disc)
- Twin spinner delivery system
- Swing-Away outlet for easier pipe cleanout
- Adjustable left axle for easier placement at the pipe
- Water injection system into fan area AND at spinners
- Easily removable tunnel covers
- Non-Clog air vents
- PTO storage bracket
- Plus capacity that everyone has been looking for

HAYLAGE SPECIAL

- **Gehl Model 1540 Blower**
  540 PTO
  List...$3,665
  REG. PRICE...$2,936
  DISCOUNT SALE PRICE ... **$2,390**

- **Gehl Model 1580 Blower**
  540 PTO
  List...$4,275
  REG. PRICE...$3,399
  DISCOUNT SALE PRICE ... **$2,849**
  One Available

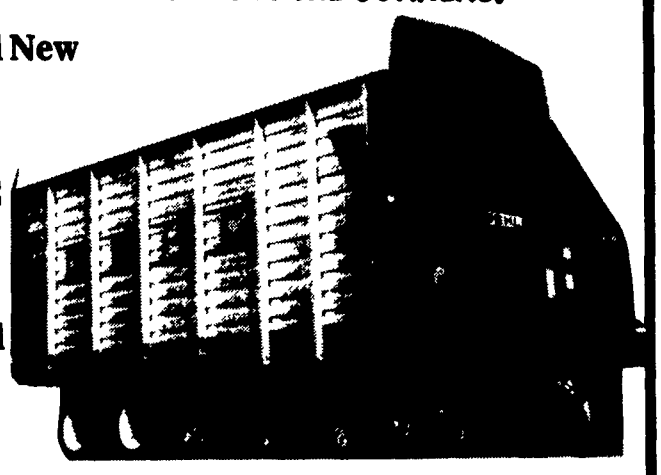


- **Gehl Model 1580 Blower**
  w/Heavy Duty 1000 RPM PTO
  List...$4,004 REG. PRICE...~~$3,285~~
  DISCOUNT SALE PRICE **$2,950**
  Only One Left!

Get Yours Before They Are Gone!

THE TIME TO BUY IS NOW, WHILE WE'RE CLEANING OUT THE CORNERS!

Try An All New GEHL MODEL 970 FORAGE BOX With A New, Improved



DRIVE SYSTEM And A NEW WARRANTY

10-Year Warranty
On sides, endgate, stakes, platform and roof.

Investing today in the future of agriculture

GEHL®

THE HIGHEST QUALITY AT THE BEST PRICE

We Have Several Left-Over Units In Stock Discounted To Go Now!
All Prices Are Without Running Gears

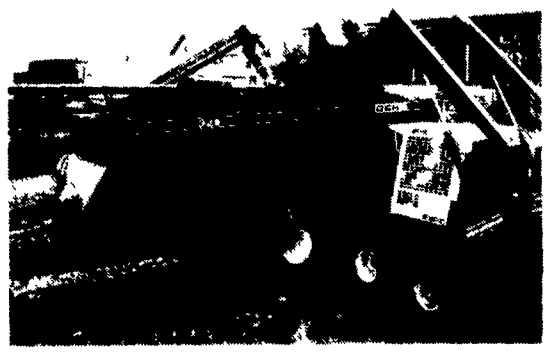
- **NEW GEHL MODEL 970** - 6'x16' w/3 Beaters & Roof
  Start w/Tag No. UM1049
  While They Last!
  List...~~$5,058~~
  OUR REG. PRICE...~~$4,955~~
  SPECIAL CASH & HAUL PRICE NOW ONLY **$4,590**

THE ONE SPREADER FOR A TWO-SPREADER FARM

THE NEW 300 SERIES GEHL LINE OF QUALITY SCAVENGER SPREADERS

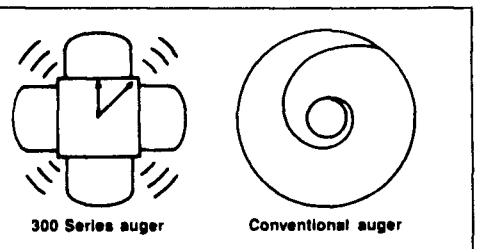
In Stock

A Gehl 300 Series manure spreader handles the types of manure produced today It saves you time and money by bridging the gap between liquid and solid manure handling. It's the one tough, reliable machine built to cut right through your manure spreading problems. It's available in three sizes - with 912, 1621 and 2925 gallon capacities - so you can choose the one that best meets your operation's specialized needs Manure from confinement housing can be quickly and easily loaded and delivered to your spreader with a versatile Gehl skid loader The heaviest loads are no problem with a 300 Series manure spreader It's built with heavy duty chain drive and rugged construction throughout Your first glance will tell you the 300 is unlike any spreader you've ever seen



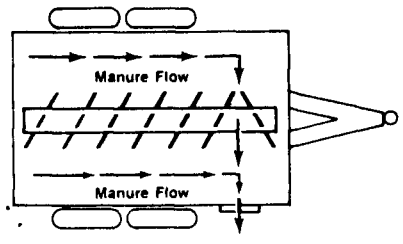
HANDLES ALL KINDS OF MANURE — LIQUID, SEMI-SOLID, PEN PACKED, EVEN FROZEN

The Big Difference: A Square Auger



The right pitch is important because round augers with unusually large pitches often move manure too quickly to the front of the spreader where it overflows before the discharge is able to spread it

Hydraulic power helps the auger solve two of your biggest spreading problems Move the auger up and down to chop through bridging And in winter park the auger in the up position then power down to slice through frozen material



Fewer Moving Parts, Fewer Breakdowns

Let's face it...no one likes to handle manure. Or worse, struggle with broken-down manure handling equipment.

A Gehl "300" is a simple spreader. One with no unreliable flails. No leaky endgates. No brittle apron chains. A solid, durable spreader. With sealed, welded Unibody construction. Ruggedly built to give you top performance... year after year.

With a full 10-year warranty against rust-through on the tank.

A Gehl "300" is what every ordinary spreader is trying to be... the most machine for your money.

CASH TOW-AWAY PRICES

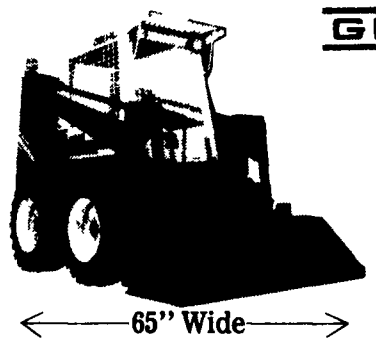
- **MODEL MS309** -912 Gal./192 Bu. w/Splash Guard, Good Tires & 540 PTO
  List ..... ~~$6,369~~
  CASH & TOW-AWAY PRICE..... **$4,680**

- **MODEL MS322** -2239 Gal. w/ Splash Guard, 19Lx16.1 10 Ply Tires, 1000 PTO, Tandem Axle
  List ..... ~~$14,330~~
  CASH & TOW-AWAY PRICE, ONE ONLY AT **$9,988**

- **MODEL MS315** -1621 Gal./345 Bu., 540 PTO, Good 10.00x20 12 Ply Tires, Splash Guard, Tandem Axle
  List ..... ~~$10,411~~
  SALE ..... ~~$7,790~~
  CALL OR STOP IN

- **MODEL MS524** -2400 Gal./257 Bu., Tandem Axle w/16.6x16.1 10 Ply Flotation Tires, Splash Guard, Tag No. 1602
  List ..... ~~$9,005~~
  CASH & TOW-AWAY PRICE..... **$6,649**

NOTICE... We Have ONE EACH At These Prices! *Replacement Units Will Probably Cost Us More Than What We Are Selling These Units For, So DON'T WAIT! Get A Bargain While They Last!*



GEHL

SELF-LEVELING SKID LOADER
4610 Diesel Powered 44 H.P.

Place Your Order Now!

Diesel Powered Hyd. Drive, 10.00x16.5 Flotation Lug Tires, Factory Fresh, Just Arrived!

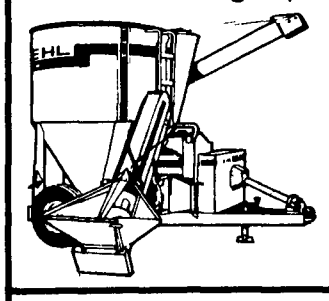
List Price Over $19,000

SPECIAL CASH PRICE ~~$12,850~~

Stop In For Your SPECIAL DISCOUNT BUYING PRICE Now!

Best of the New! Best of the Old!

NEW GEHL MODEL 170 GRINDER MIXER
135 Bu., 540 PTO w/Self Contained Hyd. System To Drive Augers, Big 21" Mill w/66 Swinging Hammers



Also: Just Received Model w/Scales For Only

$9,995
List....$10,579
Reg. Price....$ ~~8,650~~
BUY NOW AT....**$8,295**
AND SAVE $$$!

NEW FIELD CULTIVATORS by McCurdy

10'6" 3 Point Field Cultivators w/Rolling Baskets & S Tines

10'6" Width
List Price $1,900
REG. PRICE ..... ~~$1,775~~
DISCOUNT SALE PRICE .. **$1,655**

- 13' Width
  List Price...$2,100
  REG. PRICE..... ~~$1,995~~
  DISCOUNT SALE PRICE..... **$1,895**

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Located ½ Mile North of Rothsville
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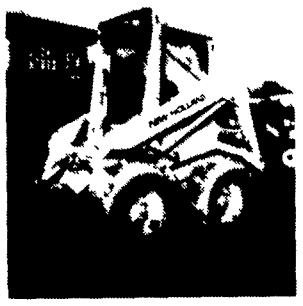
Hours Mon.-Fri. 7 AM - 5 PM.
Sat. 7 AM - 11:30 AM
Sun. Closed - Lord's Day

NOTICE...Why Not Try Our Good, Very Competitive Lease/Purchase Plan On One Of These New Or Used Tractor Specials?

It Could Possibly Be Better Than An Outright Purchase Because Of Possible Retained Investment Tax Credits Available To Some Ag Lease Plans

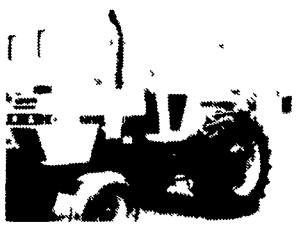
Call Or Stop In Now...Don't Wait!

SAVE $700
N.H. L325



Serial No. 479614, 1983 Model, 22 H.P., Gas Engine, 60" Bucket, Shows 578 Hrs. UT 1050
Was ~~$5,600~~
NOW ONLY $4,900

SAVE $3,000
On A Good, Clean Low Hour CASE 2290
Rated 129 HP w/ Power Shift

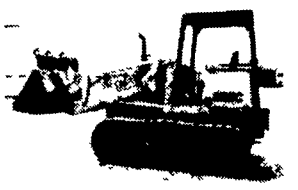


Like New, Cab, Air, Heat, 20.8x38 Firestone Radial Tires, 10 Front Weights, Less Than 600 Hrs. Stock No. UT1020
Was ~~$21,800~~
NOW ONLY $18,800

CASE 2390 CAB TRACTOR

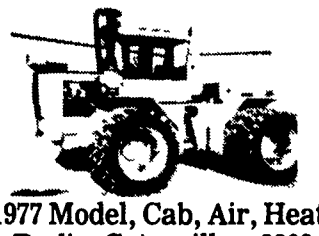
Heat, Air, Power Shift, 20.8x38 Radial Tires - Approx. 75% (Wts. Not Included). A Good, Sound One Owner Tractor. Tag No. UT1177
SPECIAL $15,800

1984 CASE MODEL 855C CRAWLER LOADER



G.P. Bucket - No Teeth, ROPS Canopy, Sprockets God, UC - Good, Pins & Bushings - Like New, Rear Wts. & Drawbar, 1011 Hrs., SN 7402292 Tag No. UT1191
$34,900

SAVE $2,000
STEIGER WILDCAT ST 210



1977 Model, Cab, Air, Heat, Radio, Caterpillar, 3208 Engine, 3 Remote Outlets, 3 Pt. Hitch w/ Quick Hitch, 18.4x34 w/Duals, 2325 Hrs., Local One Owner Tractor
Was ~~$14,800~~
NOW ONLY $12,800
w/Financing Available

CASE 1830 GAS UNILOADER
Late 1979 Model w/ROPS Cage, Approx. 1075 Hrs., Good Paint, UT 1205
Loaded **$5,960**

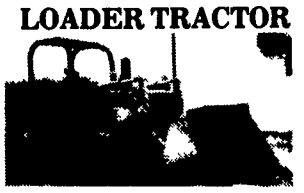
MF 1085 DIESEL 81 H.P. Rated

16.9x38 Good Rubber, Standard Trans. w/No Multi-Power, Twin Hyd. Remote Outlets, Good Heavy Cast Rear Wheels. In Excellent Mechanical Condition, All It Needs Is A Good Home.
Was ~~$7,605~~
NOW ONLY $6,850

New 3 Pt. Coroni 6 Ft. LAWN-TYPE ROTARY MOWER
Our Reg. Price ~~$875~~
DISC. SALE PRICE $790
Only A Few Left

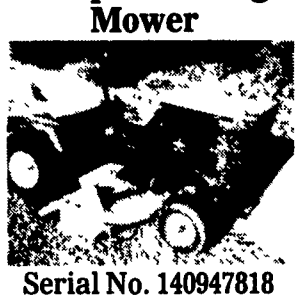
IMC 3 PT. LOGGING WINCH
To Fit On Your Farm Tractor, Approx. 250 Ft. of Cable, PTO Driven w/Brake, 3 Ton Pull
Our Reg. Price ~~$545~~
DISCOUNT SALE PRICE $495

SAVE $2,000
1977 IH 125E CRAWLER LOADER TRACTOR



Approx. 78 HP, Good Under-Carriage Was $16,900
NOW ONLY $14,900

SAVE $$$
On A MODEL 116 Demo, 16 HP Compact Riding Mower



Serial No. 140947818 w/44" Rear Discharge Mower
Was ~~$2,971~~
NOW ONLY $1,250

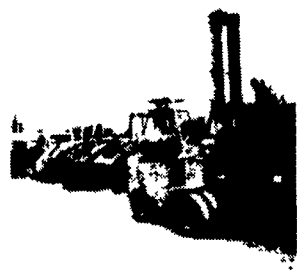
SAVE $2,500
On An Almost New CASE 1896 w/95 H.P. Case-Cummins Power

18.4x38 Radial Tires, Power Shift, Weight Frame, 540-1000 RPM PTO. Tag No. UT1111
Was ~~$18,800~~
NOW ONLY $16,300

SAVE $2,000
IH 584 ROW CROP TRACTOR

16.9x30 Rear Tires w/Approx. 60%, Approx. 3900 Hrs., Has New Clutch. Tag No. UT1179
Was ~~$7,900~~
NOW ONLY $5,800

SAVE $1,000
Like New AC 21 Ft. Propane Gas Powered FORKLIFT



w/Hi-Low Transmission, Forward & Reverse Auto. Shuttle Transmission w/Torque Converter, Lifts Approx. 5500 Lbs., Less Than 1400 Hrs.
Was $10,800
NOW ONLY $9,800

GOOSEN BALE CHOPPER
w/30 Ft. of 6" Hose, Self-Contained Power Unit, 11 HP Honda
Tag No. 1452
~~$3,050~~ **$2,485**

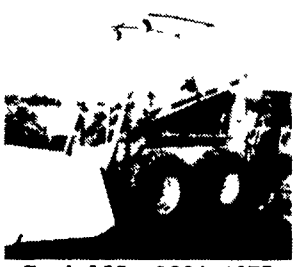
IH 1066 TRACTOR Fender Model

Late Model 1971, Serial No. 9268 w/2632 Original Hrs., Good 20.8x38 Tires, New TA About 180 Hrs. Ago, 540-1000 PTO, Ready For The Field
Was Over ~~$11,200~~
NOW ONLY $8,800
A Good Sound One-Owner Tractor

SAVE $1,000
CASE 2470 4WD

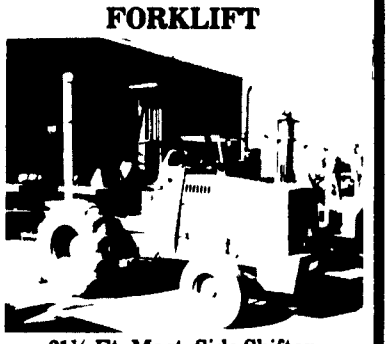
3532 Hrs., Dual Remotes, 23.1x30 Tires
Was ~~$13,800~~
NOW ONLY $12,800

FORD CL40



Serial No. 3664, 1975 Model, 4 Cyl. Ford Gas Engine, ROPS Frame w/Lights, New Heavy Duty 60" Bucket, 7.50x15 Tires - 75%. UT 1141
$3,800

1981 CASE 585C DIESEL FORKLIFT



21½ Ft. Mast, Side Shifter, 48" Pallet Forks. Less Than 1100 Actual Hrs., UT 1148
Was $15,500
NOW ONLY $14,950

CATERPILLAR MODEL 941 CRAWLER LOADER
w/Good General Purpose Bucket, Power Shift, Good 70% U.C.
$16,900

CASE 1370 DIESEL

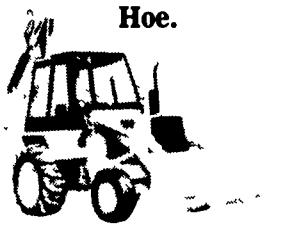
Power Shift, 155 HP Rating 20.8x38 Radial Tires (Duals Not Included). Motor Just Re-done w/Sleeves & Rings. UT 1171
Was ~~$11,800~~
NOW ONLY $9,800

CASE 1835 B DIESEL UNILOADER

1982, Good 66" Utility Bucket w/Good Edge, 10.00x16.5 Tires, Tag No. UT1218
SPECIAL $7,950

Come & Pick Your Choice While The Selection Is Good!

Choose From Four CASE 580C BACKHOES w/Standard 14 Ft. Hoes. Some Have Cabs, Some Have Open ROPS. One w/Extend-a-Hoe.



- **CASE 580C,** 1980 Model w/ROPS, Canopy, 24" Trenching Bucket, Tires - 50%+, UT 1164
  Was $14,800
  NOW ONLY $13,600
- **CASE 580C,** 1980 Model w/ROPS, Approx. 2100 Hrs., Tires - 50% +, 24" Trenching Bucket UT1163
  Was $14,800
  NOW ONLY $13,600
- **CASE 580C,** 1976 Model w/ROPS Canopy, Graveyard Style Trenching Bucket. Tag No. UT1137
  Was $14,800
  NOW ONLY $12,850
- **CASE 580C,** 1979 Model, Extend-a-Hoe w/Cab, Power Shuttle, 14 Ft. w/3 Ft. Hyd. Extension Dipper, Approx. 3442 Hrs., Good Tight Hoe., Approx. 60% Rubber. Tag No. UT1142
  Was $16,500
  NOW ONLY $14,500

NOTICE: We Have FORKLIFT BLOCK TINES In Stock
(3) Like New Sets Of 2 To Fit Case 586, 6,000 Lb. Forklift
PRICE PER PAIR....$425
Reminder - New Tines Cost Approx. $350 Eah.)
So Get A Bargain On These Like New Sets.

New BUSH HOG 7 Ft. 3 Pt. SQUEALER TWIN SPINNER ROTARY CUTTER
List ~~$1,575~~ **$1,149**

BINKLEY & HURST BROS. INC.
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133 Rothsville Station Rd.
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Located ½ Mile North of Rothsville
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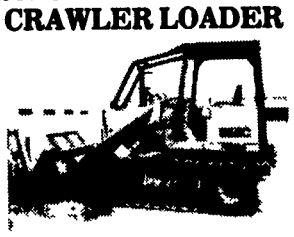
Hours Mon.-Fri. 7 AM - 5 PM.
Sat. 7 AM - 11:30 AM
Sun. Closed - Lord's Day

NOTICE...Try Our Lease/Purchase Plan On One Of These New Or Used Tractor Specials

1980 CASE MODEL 850B CRAWLER LOADER

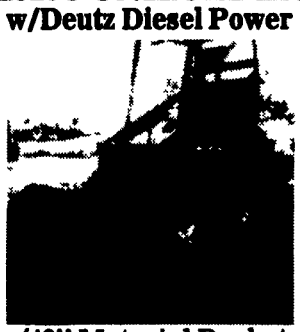
ROPS, Brush Sweeps w/G.P. Bucket w/Teeth, Good Paint, Good Pads, Good UC, Pins & Bushings - 50%
SN 7079648
Tag No. UT1193
$27,900

1984 CASE MODEL 855C CRAWLER LOADER



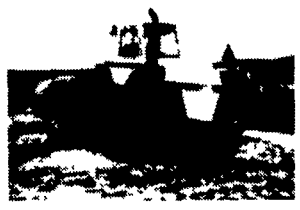
G.P. Bucket w/Good Teeth, ROPS Canopy, Brush Sweeps, Rear Wt. w/Drawbar, Good Pads, Good UC, 735 Hrs., Excellent Condition
$34,900

1982 CASE MODEL 1816C UNILOADER w/Deutz Diesel Power



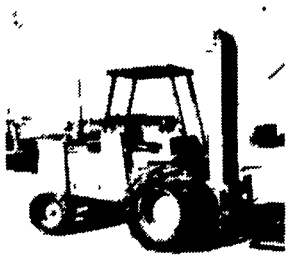
w/48" Material Buckets
Good Tires **$2,950**

Excellent Used 300 H.P. CASE 2870
At The Right Price!



Duals, 1600 Approx. Original Hours
ONLY **$21,500**
Why Not Lease/Purchase And Get The Tax Advantage Now!

SAVE $3,000
CASE 586D DIESEL FORKLIFT w/21' MAST



6,000 Lb. Capacity, Approx. 500 Hrs., Side Shifter, Like New
$24,800
SPECIAL...PRICED TO GO NOW...You Haul Away For Only
$21,800

1982 CASE MODEL 586 DIESEL 14 FT. HEAVY, ROUGH TERRAIN FORKLIFT

Lifts Approx. 6,000 Lbs., Hyd. Side Shifter, Approx. 1100 Hrs. Or Less. Ready To Work. Tag No.UT 1138
Was ~~$16,300~~
SPECIAL **$15,850**

Try A Good, Used 1980 CASE 1830 UNILOADER w/Water-Cooled Hydrostatic Power!

Approx. 30 H.P. w/66" Bucket, Rear Weights, Only 1311 Hrs., Good 10.00x16.5 Rubber Tires.
Tag No. UT1202
ONLY **$6,500**
Must See To Appreciate!

3 Pt. Hitch SUB-SOILER
Dig Up That Hard Pan w/Your Small To Medium Size Tractor.
Reg. Price $115
SPECIAL..... **$98**

3 PT. ROUND BALE SPEAR

Weight: 105 Lbs.
Take Your Pick
ONLY **$130** EA.
While They Last Get Yours Now!
SOUTHEAST Brand

THE FARM WORKHORSE IS NOT A TOY & IS WAITING TO WORK FOR YOU!

Brand New American-Built
SASQUATCH 9 H.P. 3 WHEELER
w/Heavy Duty Variable Speed And Reverse For Only ~~$1,750~~
DISCOUNT SALE PRICE **$1,390**
MANY USES, INCLUDING:
- Use In Moving Irrigation Systems, Etc.
- Seeding w/Mounted Spinner Seeders
- Spraying
- Pulling Carts
- Hauling Feed In Rear Carrier Racks

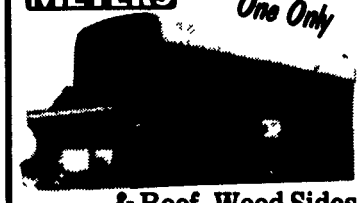
One New Big Ox 72" ROLLOVER 3 PT. BOX LANDSCAPER
w/7 Ripper Shanks
Must See To Appreciate
Tag. No. 1254 - Last One
List...~~$948~~
DISCOUNT SALE PRICE..... **$596**

One New McCurdy CROSS FILL AUGER
For Your IH 6 Row Model 800 Cornplanter. Tag No. 1700
List...~~$1,075~~
DISCOUNT SALE PRICE **$795**

PACER 6 FT. 3 PT. LANDSCAPER
Model LS 72", 6 Ft.
Only On Available
List...~~$646~~
DISCOUNT SALE PRICE **$586**

Only One Left...Brand New SPEED KING HEAVY DUTY TRANSPORT GRAIN AUGER
10" Dia. x 51', PTO
List...~~$2,730~~
DISCOUNT SALE PRICE..... **$2,578**

MEYER'S *One Only*



518 FORAGE BOX
w/3 Beaters & Roof, Wood Sides & Wood Stakes, 6'x16' In Stock
DISCOUNT SALE PRICE **$4,350**

JD 3 Pt. 12 Shank CHISEL PLOW w/Gauge Wheels
Good Paint, Approx. 27"
Clearance ~~$1,450~~ NOW ONLY **$1,170**

Big Ox 84" ROLLOVER 3 PT. BOX LANDSCAPER
w/8 Ripper Shanks, Model ROB84
Last One List.....~~$1,016~~
DISCOUNT SALE PRICE..... **$650**

SOUTHEAST BX OH20 3 PT. QUICK COUPLER HITCH
Cat. II - Makes Hitching Your Tractor A Lot Easier, Rated Up To 150 HP - Last One In Stock
List.....~~$312~~
DISCOUNT SALE PRICE..... **$230**

NEW SOUTHEAST GOOSENECK TRAILER
One Only

- Pene-treated pine wood floor
- Gooseneck jackstand
- ICC lights with Berg connector
- Dexter axles with multi-leaf spring
- Automotive 8-bolt hubs with 16" rims
- Chrome hubcaps
- Stake pockets with rub rail
- Removable hide-away ramps (fully adjustable)
- 6 ton capacity

MODEL	BRAKE AXLE	HITCH TYPE	DECK WIDTH	DECK LENGTH	DECK HEIGHT	OVERALL LENGTH	DECK MATERIAL	TIRE SIZE	CAPACITY	WEIGHT	COLOR
G1021	3 (electric)	3 Gooseneck Ball	96	20	36	26'0	2" Pine (Treated)	50x16	12000 lbs	4000 lbs	SOUTHEAST RED

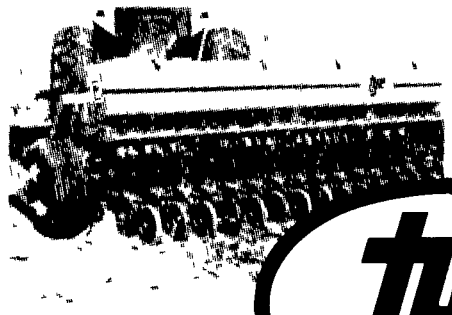
DISCOUNT SALE PRICE..... **$3,290**

ALLIS CHALMERS 4 ROW CORN PLANTER
w/No-Till Coulters, Dry Fertilizer, Monitor
In Very Good Condition, For 38" Rows.
Some New Parts Included. Tag No. UM1014
Was.....~~$1,950~~
NOW ONLY..... **$1,650**

Must Sell...TAKE ALMOST $10,000 OFF List Price!

tye **No Tills**

- Stubble Drill™
- Pasture Pleaser®
- No Till & Drill



Stubble Drill

- Spring Swivel Coulters with specially designed tapered roller bearing hubs
- Front Seed Delivery Double Disc Openers
- A wide choice of optional Press/Depth Control Wheels
- Tye's Internally Fluted Seed Dispensers
- Heavy Duty Frame - built for handling the extra weight and rugged conditions required in No Till Farming

tye®

HEAVY DUTY PULL-TYPE DRILL w/13'4" WORKING WIDTH
New Demonstrator - One Only
TYE MODEL 1044524

No Till Drill w/8" Spacing,
Grass Seed Hopper,
Standard Soybean Hopper,
2" Width x 13" Dia. Press Wheels.

List Price Over $16,810
BUY NOW FOR ONLY **$6,900**

Stubble Drill

Don't Miss A Bargain!

NOTICE...Consider This -
Due to changes in the Tax Laws, it is now advantageous to consider a new, highly competitive Lease Purchase Program, which includes 100% Financing and Low Rates on new and used agricultural and construction equipment w/credit approval.
See Us Soon For All Your Needs! Remember, new & used equipment qualifies.

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Located ½ Mile North of Rothsville
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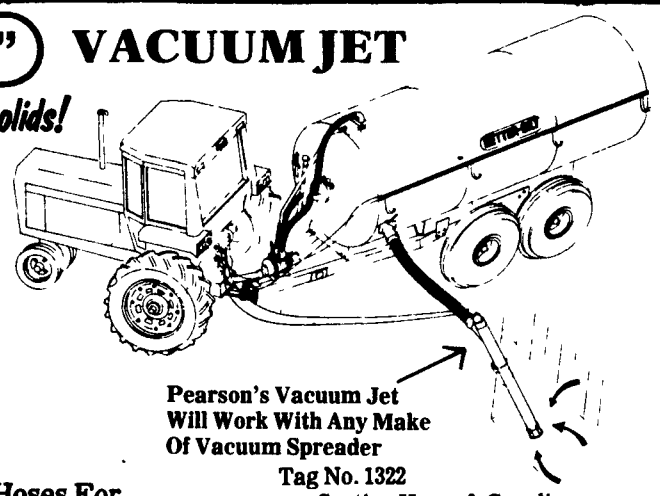
NOTICE... TAKE 50% OFF All Prices Shown Below

The Early Bird Gets The Bargain!

"BETTER-BILT" VACUUM JET

Break Up Those Impossible Solids!

- Pumps and Agitates.
- Reduces Loading Time.
- Light Weight.
- Saves Time.
- Does Not Filter Liquid From Solids.
- Takes Solids From Bottom First.
- Increases Lifting Abilities.
- Agitation of Pit Not Necessary.
- Access Through 8" Hole.
- Equal Distribution Of Manure For Fertilizer Value.
- No Ventilation Problem.



Pearson's Vacuum Jet Will Work With Any Make Of Vacuum Spreader
Tag No. 1322
Suction Hoses & Couplings From Tank To Pump Not Included In Price.

12 Ft. Long w/(2) 12 Ft. Hyd. Hoses For Tractor Remotes To Drive Hydraulically Powered Motor

Remember, Take 50% OFF And Get A Bargain! **Reg. Price...$1,495**

REMEMBER...50% OFF THESE LOW PRICES

- H.D. Grill Guard for David Brown or Adapt To Your Tractor **$50.00**
- 2 Wt. Frames/1 Full Set Wts. For D.B. Tractors ..... **$20.00 ea.**
- New Fert. Attachment For Cultivator-Sidedresser, Incomplete **$15.00**
- Wide Selection Of Now Current Wheel Wts. & Front End Wts. ..... **$28.00 ea.**
- New 4"x11" Speedking Auger Section, Portable-Type **$40.00**
- (2) New 4 Post Rops To Fit 1490 and 1494 Case Tractors **$100.00**
- Behlen Corn Crib Roof Sections For Several Different Models ..... **$10.00 ea.**
- New Case Bucket Teeth w/Bolts To Bolt In Buckets, T89091 or 1014 ..... **$20.00 ea.**
- Hood & Front Grill For Farmall M&H **$25.00**
- Flat Top Fenders For IH Utility Tractor, 454, 464, 574 Etc. **$40.00**
- (1) Behlen Corn Crib Spreader To Hang In While Filling Crib **$20.00**
- New Case Pallet Fork Attachment To Fit Case 54L Loader With Tines That Are Movable, Made Of Tubular Steel With Point On End Tag No. 5 Available NC 1107 - NC 1108 - NC 1109 ..... **$698.00 ea.**
- New Bushog 42" 3 Pt. Squeeler Rotary Cutters, (2) Available .... **$596.00 ea.**
- New IMC Model 280 9 Ft. Pull Type Hay Tedder, Spinner Type ..... **Regular Price $795.00**
- New IMC Model AG 320, Pull-Type Spinner Hay Rake, Raking Width 9 Ft., only 2 Available ..... **$950.00 ea.**
- Good Used Hydraulic Elevator w/Cage, Hydraulic System & 3 Phase Motor, In Stock, Come And See ..... **Only $1,250**

J.D. 10 FT. TRANSPORT CULTIMULCHER

UM 1064 **$1,595**

NEW DIRT PLATES FOR MANURE FORK ATTACHMENTS

48" Wide **$76**

BUSH HOG MODEL 1439 TRANSPORT DISK HARROW

16 Ft., Spring Assist Wing Harrow w/9" Spacing, 4 Transport Wheels, Scrapers, Buster Bar Leveling Attachment, Blade Dia. Approx. 17" (Hyd. Lift Cyl. Not Included)

$2,350

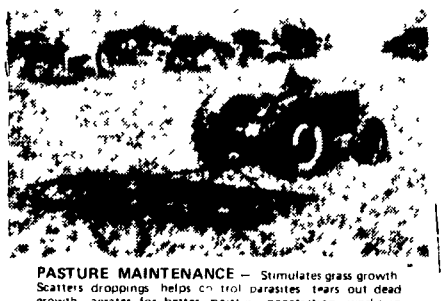
PARTIAL CAB

To Fit IH 826 Tractor Or Possibly Similar Models **$150**

REMEMBER... TAKE 50% OFF All Prices Shown Above

A Good Idea That Works

SAVE BY DEDUCTING 20% OFF PRICES SHOWN!



FUERST F-L-E-X-I-B-L-E TINE HARROW®

ADJUSTABLE PENETRATION FOR GREATER VERSATILITY -- HERCULES ILLUSTRATED

MAXIMUM PENETRATION – Tines down pointed slightly back

LIGHT PENETRATION – Tines down pointed further back

SMOOTHING FLOATING – Tines up pull in either direction

TWO JOBS IN ONE PASS – Front section – maximum penetration rear section light penetration or floating. HERCULES Models only

HERCULES — *Faster and Safer at any Speed!*

Unique tine design and exclusive spreader bars allow much greater speeds save labor time and money. Others recommend operation at 3 ½ to 4 m p h (at higher speeds they skip jump and skim the surface loosing effectiveness) See chart for added acreage covered by Hercules

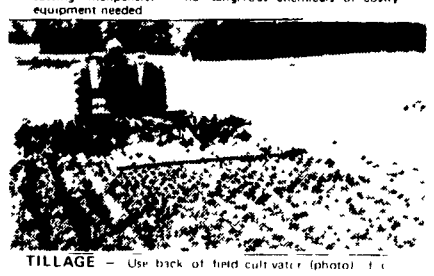
Acres covered per hour at various speeds

Width of Harrow	3 m p h	3½ m p h	4 m p h	*5 m p h	*6 m p h	*7 m p h	*8 m p h
8 ft	24	28	32	4	48	56	64
10 ft	3	35	4	5	6	7	8
12 ft	36	42	48	6	72	84	96
16 ft	48	6	64	8	96	112	128
20 ft	6	7	8	10	12	14	16
24 ft	72	84	96	12	144	168	192

*Only the Fuerst Hercules design allows effective coverage and operation at these higher speeds

PASTURE MAINTENANCE – Stimulates grass growth Scatters droppings helps control parasites tears out dead growth aerates for better moisture penetration works in fertilizer Flexes to cover every inch of the ground

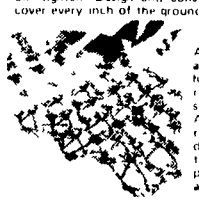
PASTURE RENOVATION at Low Cost – (Fertilize and lime as required) Scarify to prepare shallow seedbed without destroying existing turf Use to cover seed after sowing Inexpensive no dangerous chemicals or costly equipment needed



TILLAGE – Use back of field cultivator (photo) the spring tooth plow or plow prepares a fine seedbed up trash on hard packed soil Use for first cultivation corn beans etc Covers small grain back of fertilizer

Easy to use, handle, store

Specially designed 7/16 (10.5 mm) steel tines virtually indestructible No parts to grease oil tighten Design and construction assures maximum penetration while flexing to cover every inch of the ground



All models sectionalized for ease of handling Sections roll up for compact storage transport All FUERST Harrows easily assembled disassemble without tools If ever needed parts readily available

Connecting front and rear sections of Hercules Harrow

Easy way to transport Hercules Model 12

A GREAT, INEXPENSIVE TILLAGE TOOL

- 8 Ft. Model, Tag No. 1714, UM 1060 ..... **$388**
- 12 Ft. Model, Tag No. 1213, Tag UM 1060 ..... **$754**
- 14 Ft. Model, One Only, Tag No. 1214 ..... **$817**
- 16 Ft. Model, Tag UM1060 ..... **$817**

One Only In Some Sizes - New, Some Slightly Weathered

NOTE WE ALSO HAVE:
(8) 5 Ft. Mini-Style Models w/Hitches, Complete, Tag No. UM1060 ..... **$170 ea.**
(1) 5 Ft. Front Section w/Hitch, UM1060 ..... **$100**

Help Us Clean Out The Corners By Buying Now AND SAVE 20% OFF!

Our Loss - Your Gain, But They Must Go!

HUSKY

VACUUM TANKERS

MODEL 12000L
3000 GAL. VACUUM LIQUID SPREADER
w/18x22 Used Truck Tires

25 Years of Experience In Manure Handling.

- The Husky Vacuum Tanker is the best.
- Designed for continuous use and long life.
- Truck mounts for industrial use.
- Tandem spreaders for farm use.
- Sizes from: 7000 litre (1800 gal) to 18000 litre (5000 gal)
- We custom build for special applications.

5 YEARS UNCONDITIONAL AXLE WARRANTY

Tag No. 1672
List Price $15,020
SPECIAL TOW-AWAY PRICE ONLY **$9,680**

KUHN

KUHN EQUIPMENT

Discounted To Move!

MODEL GF440T 13' PULL TYPE TEDDER

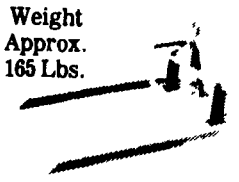
Adjustable Wheels
One Only

Serial No 3900

Reg. Price...~~$2,350~~
DISCOUNT SALE PRICE..... $1,750

IMC ROUND BALE CARRIER

Weight Approx. 165 Lbs.



ONLY TWO IN STOCK
~~$195~~
DISCOUNT SALE PRICE . $185

Attention Gardeners & Horse Owners DUMP AND CARRY

Ideal For Stable Cleaning & Farm Chores.
Ideal For The Small Farmer's Uses. Install This Unit On Your Small Tractor And Get In Tight-Cornered Stables, Etc. **$295**

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Located ½ Mile North of Rothsville
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Sun Closed - Lord's Day

- Used Grove 2 Beater Forage Box w/No Roof, Mounted On Grove Wagon w/11Lx15 Tires ..... Discount Sale Price $595.00
- Used Dunham Model 22 Loader w/Hyd. Dump, Fork w/Wrapper Plate Slip-On Bucket Conversion To Create Bucket For Material & Semi-Solid Manure Handling, Mounting Bracket To Fit IH 574 Tractor ..... Discount Sale Price $975.00
- Used Glencoe 9 Shank Soil Saver... Reg. Price ~~$2,895~~ $2,695
- Used General Eager Beaver 6 Ton Tag-A-Long Trailer w/Extra Axle Conversion Installed To Make 9 Ton Capacity...Reg. Price ~~$2,550~~ ..... Cash Tow Price Only $2,190.00
- Never Used Dual Tractor Mount Loader Attachment w/Bracket To Fit 8600 Ford Series & Others, No Hoses Or Valves Included, All Cylinders Included, 84" Bucket, Tag UM1062, Was ~~$1,795~~ ..... Now Only $1,380.00
- Never Used 540 PTO Wetmore Grinder Blower, Tag UM1061...Was ~~$2,250~~ ..... Now Only $1,950
- Save $3,000 On A Steel Structure Approx. 40'x110' Long With Bar Joists, 2 Overhead Doors w/Automatic Openers, Less Siding And Roof...Was ~~$7,900~~ ..... You Haul Away Now Only $4,900.00
- Manure Fork, 6 Ft., Like New, To Fit Case 1845 C Uniloader, Tag UM 1031 ..... ~~$550~~...$497.00

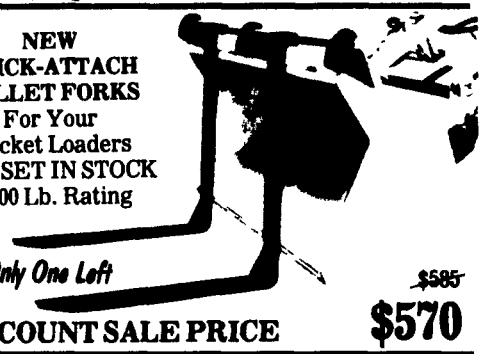
NEW TILT-BED TRAILER w/BALL HITCH

6'x10' w/3500 GVWR, Trailer Wt. 800 Lbs., 20.5x65 R15 Tires, No Brakes

GET A WELL-BUILT TRAILER FOR ONLY..... **$780**

NEW QUICK-ATTACH PALLET FORKS

For Your Bucket Loaders
ONE SET IN STOCK
4,000 Lb. Rating



Only One Left

~~$585~~

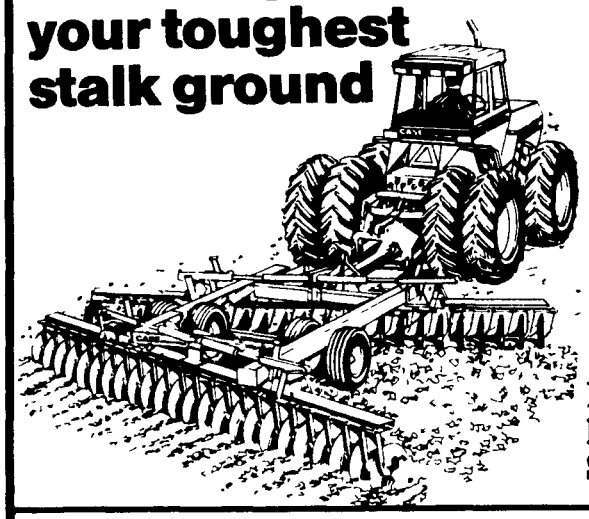
DISCOUNT SALE PRICE **$570**

SAVE $1,000 ON A SET OF 4 WHEELS AND TIRES

New Demo, Case Diesel Wheel Set of 4 Units w/Complete Bolt-On Hardware & New Tires, Ready To Mount On Your Case 90 Or 94 Series 4 Wheel Drive Tractor.

~~$5,600~~ DISCOUNT SALE PRICE **$4,680**

Chews up your toughest stalk ground



USED IH MODEL 770
Like-New Condition In Stock

- 12' Working Width
- Standard Bearing Hangers
- All Hydraulics Included
- Dual Transport Wheels w/ Flotation Tires
- Good, Heavy Earth Metal Blades w/Approx. 23" Dia. Front Gangs & 22" Dia. Rear Gangs

LIKE NEW, DISCOUNT SALE PRICE **$4,750**

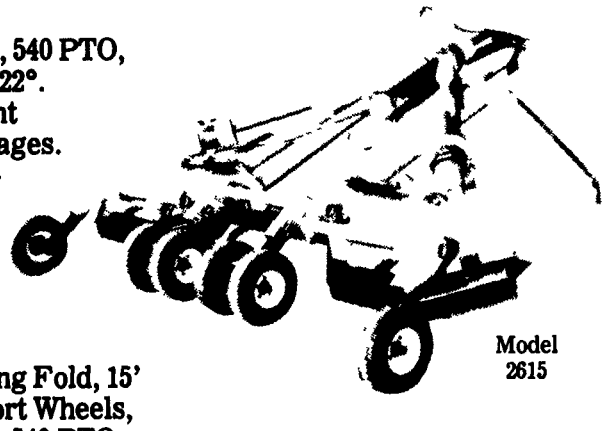
HAULING TANKS

If you have a special truck or flotation vehicle, Husky can help to make the mounting easy.

CALL US NOW!

TWO NEW BUSH HOG FLEX WING ROTARY CUTTERS IN STOCK, DISCOUNTED TO SELL NOW!

Three Section Wing Fold, 540 PTO, Flexes Up 90° and Down 22°. Economical And Efficient For Use On Larger Acreages. Minimum HP Required - 50. With Hydraulic Folding Lift Cylinders, Optional, Rear Safety Shield, Band Cover



Model 2615

- MODEL 2615 - Hyd. Wing Fold, 15' Cutter w/Dual Transport Wheels, Single Wheels On Wing, 540 PTO List...~~$8,106~~ BUY NOW AT....**$6,125**
- MODEL 1220 R - 1000 PTO w/Hyd. Lift & Wings, Dual Transport Wheel, 8' Transport Width, 20' Mowing Width, Fold Down 22% & Up 90% List....~~$10,993~~ BUY NOW AT.....**$7,995**

UNIVERSAL LOADER w/ADJUSTABLE FORKS

Model ULF-3010
Shipping wt. 410 lbs.

A Worksaver exclusive, this loader's adjustable width forks let you easily handle pallets, bale feeders, and round bales up to 3000 lbs. Fits Category II standard and quick hitches or double cylinder front end loaders with a load center arm distance of 46 inches or less. Features removable cen.er stabilizer spike for safety.

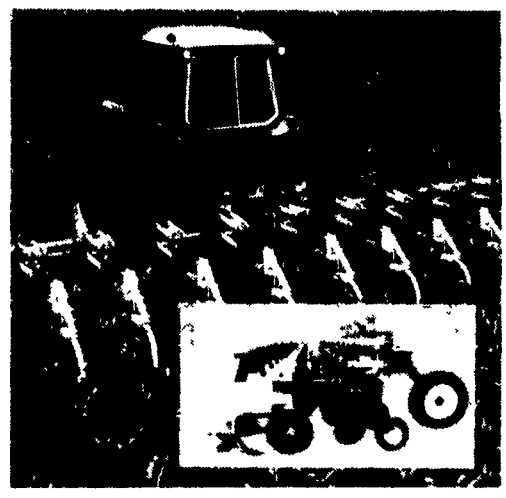
Reg. Price...~~$495~~
DISCOUNT SALE PRICE **$425**

McCURDY ROLLING HARROWS

- RH 10'7" Rolling Width..... List $3,170
  DISCOUNT SALE PRICE..... **$2,695**
- 23 Ft. Rolling Width Wing Fold Model
  List $5,435 DISCOUNT SALE PRICE..... **$4,990**

If You Don't Recognize This Tool, Stop In And See The Possibilities This Machine Offers!

GLENCOE® MODEL HT High Trash Row Crop Cultivator For conservation tillage practices



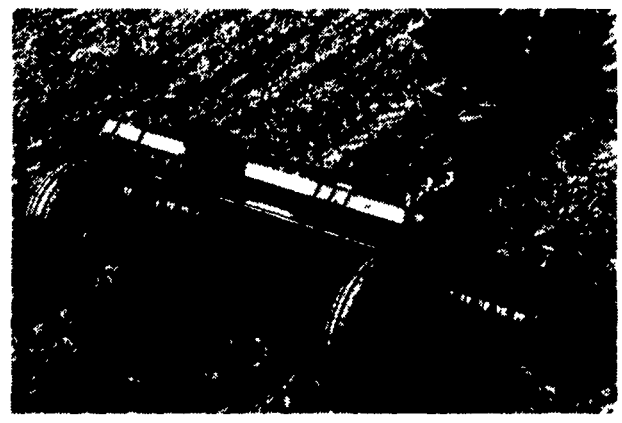
New High Trash, No Till Ridge Cultivator

MODEL HTS 430
4-30" Rows

List Price $6,183
DISCOUNT SALE PRICE **$4,495**
One Only

FARMHAND • DUNHAM LEHR

40 CULTIPACKER



- (2) New Dunham 12 Ft. Cultipackers w/34-17" Rollers, Approx. Wt. 1470 Lbs. (Transport Kit & Scrapers Not Included In Price) DISCOUNT SET-UP PRICE...**$1,475**
- (1) New Dunham 14'3" Cultipacker w/17" Rollers, Approx. Wt. 1,695 Lbs. (Transport Kit & Scrapers Not Included In Price) DISCOUNT SET-UP PRICE...**$1,720**
- Transport Kit In Stock For Any Model Packer (Less Hyd.) **$542**

SAVE $700 ON A MF MODEL 820 WING DISK w/SPRING BEARING HANGERS

Approx. 21-22 Ft. Hyd. Wing Fold Transport Disk w/9" Spacing On Front Gangs & 7½" Spacing On Rear Gangs. Blade Dia. Varies From 20" To 22", Gangs Are Spring Bearing Rock Flex Mounted. Reg. ~~$4,050~~

DISCOUNT SALE PRICE.. **$4,250**
Don't Wait For A Bargain!

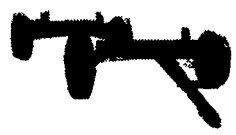
BINKLEY & HURST BROS. INC.
SALES PARTS SERVICE

133 Rothsville Station Rd.
Lititz, PA 17543
Located ½ Mile North of Rothsville
(717) 626-4705
Hours Mon.-Fri. 7 AM - 5 PM.
Sat. 7 AM - 11:30 AM
Sun. Closed - Lord's Day

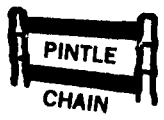
USED CONSTRUCTION EQUIPMENT
Backhoes, Loaders, Crawlers, Dozers, Etc.
Currently Available:
Backhoes: JD 310, IH 260-A w/Extend-a-hoe; IH 2500-A, Case 580-B
Crawlers: JD 450-C C/L/B, JD 450-B, IH 75-C, pedal steer, IH 175-B w/cab, IH TD-8-E w/6 way, AC HD-6-G
Miscellaneous: IH 3 pt backhoe; Loran 4 WD payloader w/cab, needs work, cheap, Michigan 75-A 4 WD loader
Inventory Changing Daily. Call for current prices
Ask For
Rick Kammann
301-335-4189 Day
301-335-5920
Evenings

ZIMMERMAN

HAY TEDDER
Call For Prices



WAGON GEARS
8 Ton Gear $440
10 Ton Gear $590
12 Ton Tandem .. $895
W15"x8" Rims, 5' Tongue
5"-7" Adj. Tongue Add $30



Forage Box Conv. Chain
New Holland
#8 ..... $242.50
Gehl 960 ..... $232.50
Other Makes Available
Call For Prices

T-Bar Det. Chain
T-67 ..... $.58
T-67 Att $1.15
Steel Detachable Conveyor Chain

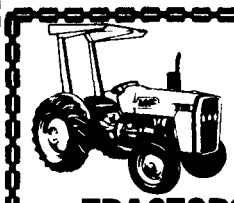
GEORGE M. ZIMMERMAN, INC.
Voganville Rd., Rt. 1
New Holland, PA 17557
(717) 354-9954

NH 54A THROWER
Perfect, install & run, $700
301-745-9408
after 8 p.m.

FOR SALE
MF 2745
MF 175
MF 1105
MF 1155 w/cab & air
MF 184-4, 4WD
AC field cultivator
7 tooth soil saver
7 tooth Chisel Plow
Int. 3 bottom reset plow
White 4 bottom reset plow
NH 718 Harvester
JD 400 rotary hoe

L & M BURKHOLDER
Ephrata, PA
717-859-2960
717-859-2712

FOR SALE
Truck mounted tanks, 1,800 gal. & 2,500 gal.
Tank Trailers, 4,000 gal. & 5,500 gal.
(Tanks would be good for liquid fert.)
'52 Diamond T Truck, whole or parts
TD24 Int. diesel engine
HM Hough loader, whole or parts
Industrial spot welder
400 amp AC shop welder, single phase
D-4 Pony motors w/starter, rebuilt $400. each
D-4 Trans. & other parts
D-4 or 955-12A loader tracks, $150
Hammer Mill
Small hammer mill shredder, $25.
Hopto Backhoe, $2,800
50 gallon drums, .50 cents each
Old coal hot air heater
Waste oil heater, $400
Call Paul
215-679-6632
or
215-257-8367



MASSEY-FERGUSON
Where farmers' ideas take root.

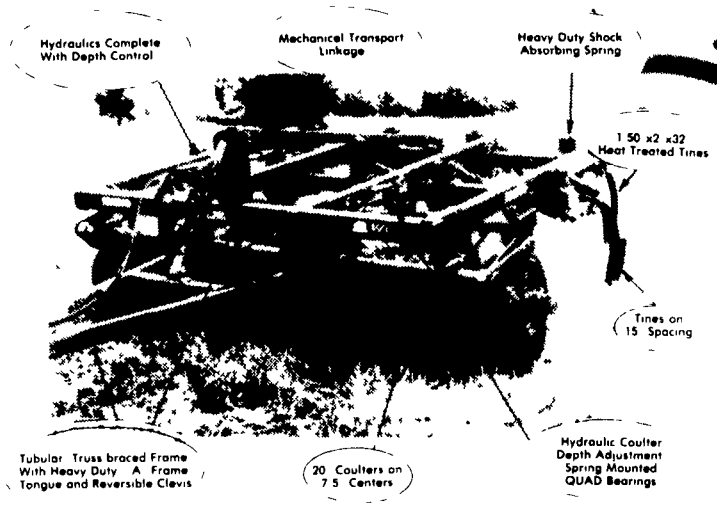
TRACTORS & EQUIPMENT
MF 40 Diesel Tractor w/Loader
MF 50C Tractor w/Loader & Cab
MF 204 Tractor w/Loader
MF 750 Combine w/Attchs.
MF 510 Combine w/63C Corn Head

NEW M.F. EQUIPMENT
MF 240 Tractor
MF 240 Tractor
MF 283 Tractor
MF 1030 Tractor 4 WD
MF 1020 Tractor w/Turf Tires
MF 1010 Tractor w/218 Mower
MF 1010 Tractor
MF #43 2B Plow
MF 427 No-Till Drill
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 22 Bale Thrower
MF 218 3 pt. Rotary Cutter
MF 222 Scraper Blades
MF 1018 Mower

S.G. LEWIS & SON, INC.
352 N. Jennerville Rd.
West Grove, PA
215-869-2214

RHINO 890

- Features Hydraulic Raised and Lowered Coulter Gangs That Allow You To Raise Slicer Blades When Not In Trash That Saves Power, Fuel, Gives More Speed, Less Wear, Then When You Reach The Heavy Trash That Needs To Be Cut, You Lower Slicer Blades and Keep Right On Going!
- 1½" Thick x 32" Tines Give You Heavy Duty High Clearance!


Hydraulics Complete With Depth Control
Mechanical Transport Linkage
Heavy Duty Shock Absorbing Spring
1 50 x2 x32 Heat Treated Tines
Tines on 15 Spacing
Tubular Truss braced Frame With Heavy Duty A Frame Tongue and Reversible Clevis
20 Coulters on 7 5 Centers
Hydraulic Coulter Depth Adjustment Spring Mounted QUAD Bearings

Best Of All More Weight Less Cost

NOTICE: This Enables You To Lift Coulters Out When Not In Trash — SAVE POWER & WEAR

RHINO 890 Specifications

No of Shanks	5	7	9	11	13
Effective Width	63	89	113	139	163
No of Coulters	11	15	19	23	27
DBHP Requirements	75	105	135	165	195
	100	140	180	220	260
No of Wheels	2	2	2	4	4

	Reg. Price	DISCOUNT SALE PRICE
• 5 Shank	~~$5,321~~	$3,990
• 7 Shank	~~$7,051~~	$5,295
• 9 Shank	~~$8,000~~	$5,575
• 13 Shank	~~$12,609~~	$6,989

NOTICE...Prices Void When Present Inventory Is Gone, So Don't Wait!

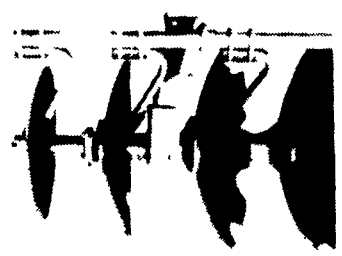
Get Your Chisel Now, Help Us Clean Out The Corners And You'll SAVE MONEY!

THE HEAVY-DUTY CHAMPION AT DISCOUNT PRICES

The New Heavy Weight RHINO 200 SERIES DOUBLE OFFSET DISK
C Clamp Spring Bearing Hangers,

Special Leveling System Design, Double Tapered Blades On Rear Gangs, Single Tapered Blades On Front Gangs, To Finish w/Plowing Disk, Complete w/Cyl. & Hoses To Tractor; Dual Transport Wheels w/New Tires.

THE 200/201 LEVELING SYSTEM keeps the Frame level in the field and in transport After hitching the reversible Clevis to the tractor a Turnbuckle adjusts the Tongue position to level the Disk Frame in transport In the field a Leveling Screw that connects the Tongue to the Wheel Carriages is adjusted for field conditions and disking speed desired After initial adjustment the 200/201 remains level while being lifted and lowered A Turnbuckle connects the Wheel Carriages for precise side to side leveling



TAPERED DISKS are included as standard equipment on the 200/201 A single taper on the outside front is provided to reduce throwing of clods and clumps A double taper is provided on the outside rear (plus a third taper on Cover Disk) to pull in soil thrown out by front and to provide a smooth finished surface

26" Diameter Blades On 10½" Spacing

- **MODEL 200** 2454760 10'2" Width Cut
  List $8,306 DISCOUNT SALE PRICE.... ~~$5,790~~ $4,950
- **MODEL 200** 2854760 11'10" Width Cut
  List $38,749 DISCOUNT SALE PRICE.... ~~$6,090~~ $5,375

2 And 3 Bar Units In Stock

MODEL 156 Extendable For More Width

NOTICE! Take ANOTHER 5% OFF DISCOUNT Prices Shown And SAVE BIG NOW!

- 5 Shank 2 Bar, 32"High Clearance w/Curved Shovels
  List ~~$1,176~~ **SALE PRICE... $850**
- 7 Shank 2 Bar, 32" High Clearance w/Curved Shovels
  List ~~$1,441~~ **SALE PRICE... $936**
- 7 Shank 3 Bar, 32" High Clearance w/Curved Shovels
  Only One Left List ~~$1,665~~ **SALE PRICE... $1,135**
- 10 Shank 3 Bar, High Clearance w/Curved Shovels
  List ~~$2,200~~ **SALE PRICE... $1,790**
- 11 Shank 2 Bar, High Clearance w/Curved Shovels
  Only One Left List ~~$2,126~~ **SALE PRICE... $1,495**

NOTE: Number of Shanks Represent Width Footage

- 2 Ft. Extensions In Stock, No. 9-156-023231 (1 Ft. Added To Each Side) $328
- Gauge Wheels In Stock, No. 9-156-530516 (For 2 or 3 Bar Units) $322

REMEMBER TO DEDUCT ANOTHER 5% OFF TO SAVE $$$

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USED BELTING MATERIAL
RUBBER MATS FOR

Comfort Stalls, Free Stalls
Horse Stalls, Horse and Cattle
Trailers,
Hog Houses

Paul N. Brubacher
215-286-5298

FOR SALE

- Utility 1978 Refer Trailer for Storage Only
- Vertical Blender For Feed Mill System, 1 Ton
- 18 Ft. Morgan Van Box
- Air Compressor, 3 Phase, 3 HP, 80 Gal. Tank
- 1978 Plymouth Voyager, PB, PS, Air, Cruise Control, Tinted Glass SOLD $3,800 or Best Offer

215-944-0402

MIFFLINBURG FARM SUPPLY, INC.
Mifflinburg, PA

SUPPLEE'S SPEED SHOP
RD 1
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Machine Shop
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Chevrolet Small Block Engine Rebuilt Kits, Rings, Rod Bearings, and Main Bearings With Full Gasket Set $89.90
Cam Kit, Cam Lifters & Prelube . . . $89.95
Other Kits Available At Comparable Prices
Perfect Circle, M&W, TRW, and Sealed Power Tractor Industrial Kits Available
Full Engine Machine Shop Service and Rebuilding Available

1 FARM EQUIPMENT

SHULER EQUIPMENT SALES
RD #1 Box 228
Shuler Road
Shermansdale, Pa. 17090
717-582-4365 anytime
ACRES OF USED AND RECONDITIONED FARM EQUIPMENT AND TRACTORS
Also
ACRES OF USED EQUIPMENT AND TRACTOR PARTS
WE WILL BUY OR TRADE YOUR USED EQUIPMENT IN ANY CONDITION.

NOTICE TO CONTRACTORS & FARMERS...
We Still Have A Few New Trailers In Stock At Old Prices, So Buy Now And Save.
The Early Bird Gets The Worm!

BUY THIS UNIT & RECEIVE A $1,000 U.S. SAVINGS BOND

Eager Beaver 35GHG/BR — 35 TON DETACHABLE GOOSENECK

BEAVERTAIL + RAMPS 35GHG/BR

Capacity: 70,000 lbs. at 40 MPH
Trailer Weight: 15,600 lbs.
Overall Length: 41'1"
Overall Width: 96"
Deck Length: 20'
Deck Width: 96"
Deck Height: 26"
Tires: (8) 255/70R22.5

List ~~$26,925~~
DISCOUNT SALE PRICE.... **$20,295**
Plus F.E.T.

Eager Beaver 20HA

20 TON HEAVY AIR BRAKES 20 HA

Capacity: 40,000 lbs. at 50 MPH
Trailer Weight: 7,050 lbs.
Overall Length: 27'6"
Overall Width: 96"
Deck Length: 22'
Deck Width: 96"
Deck Height: 37"
Tires: (8) 8.25 R 15 (G) Radial

List ~~$12,095~~
DECEMBER CLEARANCE PRICE
$9,250
Plus F.E.T. $846.00

Eager Beaver — 10 TON MODEL 10HA TRAILER With Air Brakes

- Capacity 20,000 lbs at 54 MPH
- Trailer Weight 5,800 lbs
- Overall Length 24'6"
- Deck Width 96"
- Deck Height 32½"
- Tires (8) 8 75x16 5 (E)
- Overall Width 96"
- Deck Length 20'

DISCOUNT SALE PRICE ... **$7,895**

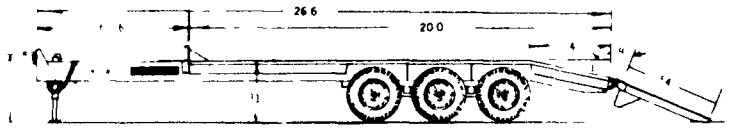
EAGER BEAVER 10 TON MODEL 10HDB w/Elec. Brakes
Was ~~$7,300~~
Last One At Super Saver Price!
NOW ONLY.... **$6,880**

EAGER BEAVER B9DOW 9 TON DECK-OVER-WHEELS/ DISC WHEELS - BUDD WHEELS

Capacity: 18,000 lbs. at 60 MPH
Trailer Weight: 4,600 lbs.
Overall Length: 26'6"
Overall Width: 96"
Deck Length: 20'
Deck Width: 96"
Deck Height: 33"
Tires: (6) 9.50x16.5 (E)

Reg. Price... ~~$4,550~~
DISCOUNT CASH & TOW-AWAY PRICE..... **$4,450**

9 TON DECK-OVER-WHEELS 9 DOW



9 Ton, 3 Axle, Electric Brakes, Complete Truck Wiring Harness Kit Including Brake Control.

Regular List Price, Setup..... ~~$5,500~~
Regular Sale Price Only..... ~~$4,350~~
DISCOUNT SALE PRICE NOW ONLY **$4,250**

BINKLEY & HURST BROS. INC.
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133 Rothsville Station Rd., Lititz, PA 17543
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NOTICE...Buy At The Old Prices While They Last!

TAG-A-LONG TRAILERS

Check Our New, Increased Weight Specifications

Save A Bundle

SOUTHEAST BIG OX

SPECIFICATIONS:

Axles..... 2
Brake Axles..... 2
Hitch ..... 2 5/16" Ball
Deck Material ... Oil treated 2" pine
Tires 8x14.5
Capacity ..... 10,000 Lbs.
Color ..... Yellow
GVW ..... 12,005 Lbs.
16 Ft. Model
Deck Width ..... 76"
Deck Height ..... 19"

Removable Bolts On Fenders Are Included In Price

- **TT14** Deck Length: 14 Ft. List ~~$2,465~~ SALE **$1,695**
- **TT16** Deck Length: 16 Ft. List ~~$2,535~~ SALE **$1,755**

HUSKY® MODEL K31 TRANSPORT PUMP

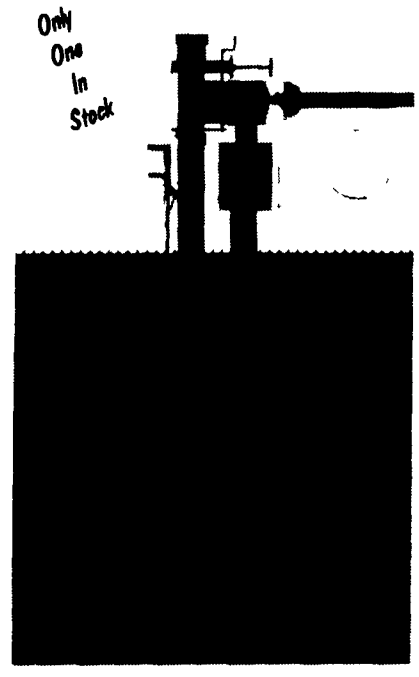
Hauling liquid manure is not simply a case of plumbing. Agitation is a must. HUSKY does it best.

14000 LPM (3600 GPM) 70 hp

The HUSKY K31 Manure Pump is engineered for more GPM with less HP than most manure pumps.

Designed for 540 PTO speed with average size tractor feeding your larger tractor for hauling spreader.

Only One In Stock



FEATURES

- Capacity up to 14000 LPM (3600 GPM)
- 6" discharge pipe 15 ft. long. Quick disconnect flexible pipe rotates 360° for easy set up
- New Marine bearings water lubricated, acid resistant, long life
- Dual agitators
- Adapts to pits up to 14 ft. deep
- Heavy duty gearbox and PTO with shear pin
- Set-up is totally hydraulic

List Price..... ~~$5,195~~
SPECIAL CASH & TOW-AWAY PRICE..... **$3,395**

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NEW HOLLAND

Special on All NH Equipment
NH 329, 520 & 680 Manure Spreaders
NH 311 Balers
NH 320 Baler
NH 488 & 489 Haybines
NH 30 and 40 Blowers
NH 353 Grinder Mixer

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MINNEAPOLIS MOLINE
Used Tractor Parts
Complete Assemblies, Trans. Engines, Hydraulics, Etc.
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USED EQUIPMENT

9 Used Prime Mover Skid Loaders
IH Model 125C Crawler-Loader w/4 in 1 Bucket

DEUTZ ALLIS

Vernon E. Stup Co.
5859 Urbana Pike
Frederick, Md. 21701
301-663-3185

Season's Greetings

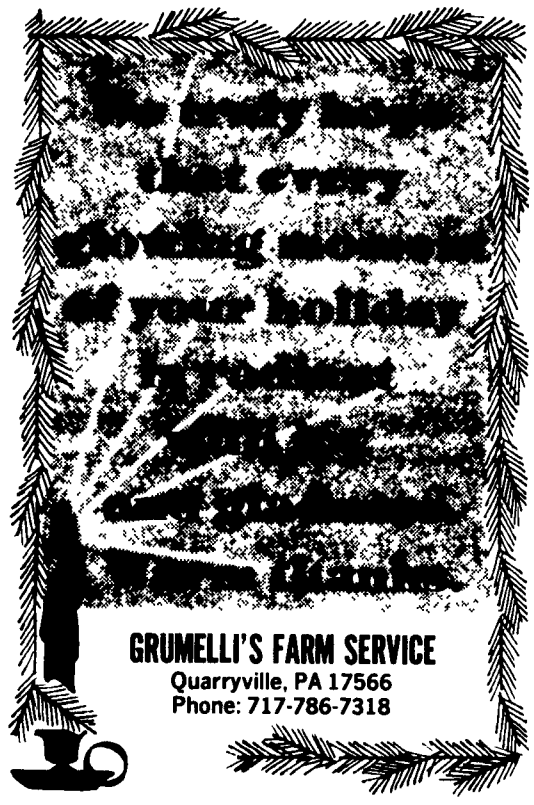
WFS

HESSTON CORPORATION

USED EQUIPMENT

Satoh 650 w/Woods Mower & Loader
Farmall H
Ford 8N
FC 250 8' Kuhn Mower Conditioner
Oliver 5-16 Plow
IH 4-16 Plow
Glencoe SS9 Soil Saver
IH 501, 12' Disk
White 281, 12' Offset
Bush Hog 5', 6 & 7' 3 pt. Rotary
Hawk Bilt 357 Tandem Spreader
NI 214 Flail Spreader
NI 323 Picker
NI 279 Cutditioner
Mohawk 13' Batwing Rotary Mower

STOLTZFUS FARM SERVICE
Cochranville, PA
215-593-2407



MF Massey Ferguson

LEBANON VALLEY IMPLEMENT CO., INC.
NEW & USED EQUIPMENT

GEHL FARM EQUIPMENT

TRACTORS & LOADERS
New MF Tractors Have WAIVER or LOW-RATE FINANCE or CASH DISCOUNTS!

- New MF 1010, 16 HP Compact w/Mower..... Cash Price $6,895.00
- New MF 1020, 21 HP Compact w/Mower..... Cash Price $7,350.00
- New MF 250, 40 HP, 8 Speed Trans..... Cash Price $10,900.00
- New MF 270, 55 HP, M.P. Trans..... Cash Price $13,900.00
- New MF 290, 65 HP, M.P. Trans..... Cash Price $14,995.00
- Demo MF 3545, 125 HP, Cab w/Air $27,900.00
- Used Farmall A w/Cultivator ..... Cash Price $1,300.00
- Used MF 65 Diesel Tractor, Being Reconditioned
- Used Oliver 88 Diesel, Good Condition $1,195.00
- Used IH 4140 Skid Loader, 40 H.P. Diesel Engine, Low Hours ..... Cash Price $5,200.00
- Used JD Model 125 Diesel, Skid Loader..... Cash Price $7,500.00

FORAGE and HAY EQUIPMENT
• New Gehl Forage Equipment Has Delayed Payment or Low-Rate Finance or Cash Discount

- New Gehl 970 Forage Box, 16 ft., 3 Beaters & Roof ..... Cash Price $4,650.00
- New Gehl 1060 Forage Harvester..... $9,695.00
- New Gehl 760 Forage Harvester .... Cash Price $8,675.00
- New Gehl Cornheads And Hayheads In Stock..... Call for Price
- New Gehl 1580 Forage Blower, 1000 R.P.M. ..... Sale Price $3,350.00
- Used Papec Harvester, Corn & Hay Head, Good Condition, 1000 RPM $1,995.00
- Used Gehl 1200 Harvester, 3 Row Head..... $2,995.00
- Used Gehl 800 Harvester, Being Reconditioned..... Call For Price
- Used N.H. Super 717 Harvester & Corn Head $995.00
- Used NH 23 Hopper Blower $275.00
- Used Gehl 99 Blower $1,595.00
- Used Dion Hopper Blower $725.00
- Used EZ Forage Box, 6x16 w/Roof and Running Gear..... $2,400.00
- 2 Used IH Forage Boxes, Roof & 3 Beaters w/Running Gears ..... Price Each $1,250.00
- Used NH Forage Box, 3 Beaters & Roof $1,995.00
- Used J.D. 5 ft. Flail Chopper $650.00
- Used New Holland Flail Chopper, Model 36..... $375.00
- Demo Gehl 1460 Round Baler $7,850.00
- Used N.H. 851 Round Baler..... Cash Price $5,400.00
- New Heavy Duty 3 Point Bale Fork $335.00
- Used Little Giant 26 ft. Elevator w/Motor..... $775.00

TILLAGE EQUIPMENT

- New Glencoe 12½ Ft. Field Cultivator $2,700.00
- New MF 115 7 Tooth, Soil Saver..... List $6,100.00 Sale $4,950.00
- Used MF 43 3 Bottom, 3 Point Hitch Plow $450.00
- Used MF 620 Disc, 12 Ft. Wide $1,995.00

MISC. EQUIPMENT

- New Little Giant 16 ft. Portable Corn Elevator $695.00
- Used MF 110 Bushel Manure Spreader $775.00
- Gehl MS 322 Spreader w/Tires And Splash Guards ..... Sale Price $10,550.00
- Used New Idea 217 Manure Spreader $1,995.00
- 6 ft. Scraper Blade, 3-Point Hitch $225.00

LEBANON VALLEY IMPLEMENT CO., INC.
700 E. Linden Street Richland, PA 17087
717-866-7518

KNIGHT

Last One In Stock At A Discount Price!

"SLINGER" MANURE SPREADER

MODEL 912
900 Gal.
190 Bu.

- ★ Spread faster and more efficiently with a beautiful spread pattern, instead of lumpy or clumpy.
- ★ Handle sloppy, semi-fluid, gutter manure, frozen chunks, dry litter, wet litter, most pen packed, even lime sludge.
- ★ No apron chains, no flail chains, excellent cleanout, narrow hammers pulverize manure better than wide paddles, the drive line is massive and extremely simple to maintain.
- ★ Look over a Slinger at your local Knight dealer and try one in your operation.
- ★ Spread all your manure with a Slinger Spreader from Knight.

You can depend on a Knight
Since 1945

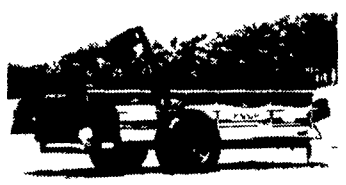
List Price Over $6,200

DISCOUNT SALE PRICE ONLY $4,995

Get High Quality...Only Two Left At Discount Price!

"350" MANURE SPREADER

- One In Stock w/Top Beater, Hyd. Endgate, Lower Spinner Beater & New Re-cap 10.00x20 Tires **DISCOUNT SALE PRICE... $6,230**



NEW KNIGHT 252 REGULAR TYPE
w/Top Beater, Lower Spinner Beater For Fines Or Slop, Hyd. Endgate, Single Axle Undercarriage
One Only

SAVE $1,000 Reg. ~~$5,990~~
DISCOUNT PRICE..... $4,990

BINKLEY & HURST BROS. INC.
SALES PARTS SERVICE

133 Rothsville Station Rd., Lititz, PA 17543
Located ½ Mile North of Rothsville
(717) 626-4705
Hours Mon.-Fri. 7 AM - 5 PM; Sat. 7 AM - 11 30 AM
Sun. Closed - Lord's Day

FOR SALE
Tractors
IH 1086, 1066, 966, 856, 806, 766, 706, 656, 560, 560 w/loader, 460, 400, M, MD; JD 4030, 4020 FC, 3010, 730; Ford 801 & 8N; Oliver 1650, 1600, 1550; MF 135, 20 w/fork lift; AC 170 w/loader, forklift; PD9 IH crawler loader; plows 2 through 6 bottom and other types of farm eq.

Gary Leader
814-652-2809

FOR SALE
13'x6" Hydraulic auger. 12' Transport Disc. Irrigation system, complete. Chrysler 1000 gpm pump. 800' 4" and 6000' 3" aluminum pipe. Tees, ells & reducers. 1970 IH 11,000 lb. truck. 8 ton running gear.

717-677-8191
Or
717-677-7788 After 5 P.M.

Leaman Tractor Parts
P.O. Box 250
Willow Street, PA 17584
717-464-2874

Just In For Parts
1 Set of aftermarket splitting stands for tractor repair, similar to IH factory setup.
1 set of JD 20 Series fenders
IH 450, excellent motor
Wide Fronts Available For Most IH Tractors

USED TRACTORS
1985 Case 1194, 100 Hours, Tractor is like new.
Farmall 856 Diesel, Wide Front, 3 Pt. rebuilt TA, good tractor, price reduced.
Farmall 966, 1975 Model, Diff. Lock and Clutch Assist, Cab and Air, Good Solid Tractor.
Coming Soon: 76 Deutz 100-06, 2860 original hours, cab, duals and weights. Very nice tractor.

Delivery Available Anywhere

Quality Used Parts
We buy and sell used parts and parts tractors. We have a good selection of quality used parts at competitive prices. Please have part no. when calling, if possible.

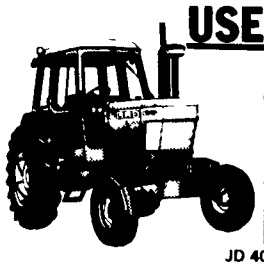
JD 7720 combine, 1,900 hrs. w/6 row corn head, 18' flex head, 15' grain table. Will Separate.
NH 320 baler, 3 yrs. old, excellent condition
NH 1895 chopper w/3 row auger base head
JD 4630, cab, air, new motor & trans.

301-663-4678

Ford Tractors Equipment | NEW IDEA | HESSTON | WHITE FARM EQUIPMENT

USED EQUIPMENT
Ford 6610 Tractor 700 hrs
MF 205 Combine
Farmall 340 Trac
White 2-135 Tractor
MM 670 Gas Tractor
Haybuster 1068 No-till Drill
NI 213 Manure Spreader
White 281 10' Offset Disc Harrow
Century 200 gal 3 pth weed sprayer, 35' Boom
18' Hydraulic Fold Field Cultivator
18' Brady Hyd Fold Chisel Plow
JD 5B 16" Plow
JD 3B 16" Plow
Ford 2 Row Cultivator
Fox 728 2R Corn Head
NI Rotary Cutter
NH 512 Manure Spreader
White 271, 23' Disk Harrow
Brady 722 Flail Shredder
Hesston 7150 Forage Harvester
Westfield 31'6 ' Auger
Cardinal 53'8" Auger
Glencoe Field Cultivator
Better Bilt 1100 Gal Liquid Spreader
Ford 501 Mower
Danco Rear Unload Forage Box
Woods 12' Flail Shredder
White 8700 Combine

USED EQUIPMENT

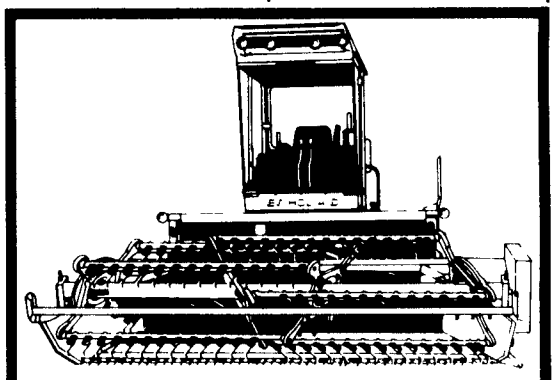


Two JD 4430s, Cab & Air
JD 2440 & 2640 w/15 5x38 tires Both w/Rack & Pinion Rear Whls
JD 240 & 146 Loaders

IH 715 Combine w/282 D engine, nice $5,250
810 13 Grain Table for Abc $1 250
JD 4020 Dsl under 3000 hrs actual
MF 510 Dsl Hydro w/880 hrs
IH 986 Tractor w/Cab & Air
IH 856 Dsl No Cab w/38' Rubber

SELLING FOR LOCAL OWNERS
Owner 1. JD 6620 Side Hill Combine w/Flex Head also Low Tin No-till Corn Head
Owner 2. IH 585 Row Crop Utility w/100 hrs Assume Payments

RAYMOND B. LEAMAN
Willow Street RD 1
Ph: Lancaster 717-464-2778
Midway between Lancaster & Quarryville off Rt. 222 take Brenneman Road at Graybill Bros Garage, Refton



Used 1495 NH SP Haybine
Fully Equipped
$15,500
Low APR Interest

Shover's
Loysville, PA
717-789-3117

SUPER SPECIALS
New Model 385 Deutz-Allis Corn Planter 4 or 6 Rows - Liquid Or Dry Fertilizer - Air or Plate Units
Call For Special December Price

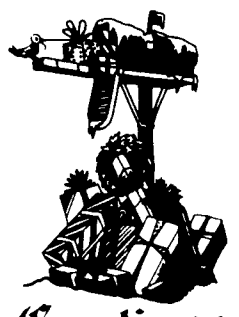
USED EQUIPMENT
Deutz 8006 Used Tractor, Ex. Cond.
MF 230 1400 Hours, Excellent Condition
XT 190D AC Tractor, Real Nice
NH Model 90 Bale Handler
AC 4 bottom SC plow
IH 400 Cyclo 4 Row Planter w/No-Tills Yetter
IH 400 Cyclo 6 Row Planter
Cagle 750 Gal. Tandem Axle Field Sprayer, Monitor and Fully Equipped
LKS Combine w/Grain And 630 Corn Head
MF 205 Combine w/240 Corn Head

SPECIAL SALE
KUHN MOWERS RAKES AND TEDDERS
Call For Special Year End Price

Planters w/Dry Fertilizer
No-Tills, Insecticide Units. Complete
Plate Planter, One Only At $6,495

COMPARE OUR PRICES ON WOODS MOWERS

B. EQUIP. INC.
DEUTZ ALLIS
8422 Wayne Highway
Waynesboro, Pa. 17268
717-762-3193



Greetings
May your Christmas hold many wonderful surprises in store!

STANLEY'S FARM SERVICE
RD Box 46
Klingerstown, PA
717-648-2088

IN STOCK AT DISCOUNT PRICES!
Fight snow with power!

Case International 70 & 80 Snow Blowers

Team up your tractor with a Case International snow blower to clear driveways barnyards and feedlots in a hurry You ll do a clean job in wet dry packed deep and drifted snow A paddle center auger feeds the high speed blower snow disappears as you back through it Blowers mount on Category I and II 3 point hitch tractors for pick up and go convenience

- 70 blower clears 78 path
- 80 blowe cle r s 86 path
- Big auger and delivery chute resist clogging in wet heavy snow
- Choice of crank or hydraulic spout control adjustable skid shoe est blish working height
- Drive chains re plated to fight rust drive is shear bolt protected

case IH

Get ready for winter with a new blower

MODEL 70 Tag NC1630
ONLY....**$1,795**

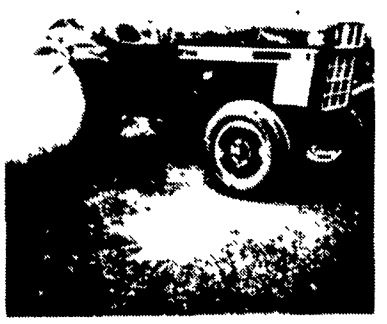
MODEL 80 Single Auger w/Hyd. Spout Control, Tag NC1631 (Cyl. & Hoses Not Included)
ONLY....**$1,795**

MODEL 80 w/2 Augers & Hyd. Spout Control, w/Cyl. & Hoses, Tag NC1632
ONLY....**$2,275**

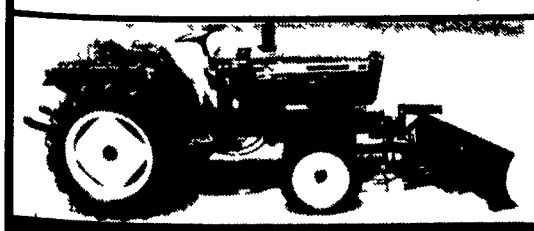
Must See To Appreciate!

NEW CASE IH 1494 TRACTOR
w/Cab, Air, Heat, Power Shift, Transmission, Twin Hyd. Remote Outlets, 18.4x34, Power Adjust w/Approx 10 To 11 Months of New Warranty Left.
Tag UT 1181 Was ~~$17,800~~
NOW **$16,800**

How About A Good, Used IH MODEL 384 DIESEL Tractor From A Good Home!



1979 384 Diesel Tractor In Stock & Ready For Work!
Tag UT 1214
ONLY **$4,500**



MAKE YOUR TRACTOR A SNOW PUSHER NOW!
By The Time You Read This Ad, We Should Have In Stock A Front-Mount Dozer Blade To Fit Case IH 200 Series, 244 & 254 Tractors

BINKLEY & HURST BROS. INC.
SALES PARTS SERVICE
133 Rothsville Station Rd., Lititz, PA 17543
Located ½ Mile North of Rothsville
(717) 626-4705
Hours: Mon.-Fri 7 AM - 5 PM; Sat. 7 AM - 11:30 AM
Sun. Closed - Lord's Day

CHEAPER BY THE POUND!
90¢

That's Right, 90¢ Per Lb.
That's what you can buy parts for till Dec. 29th while supply lasts. We are cleaning house for 1987, making room for more CASE IH parts inventory. All obsolete parts are out for your inspection. You grab it, we'll weigh it. Case parts, New Idea parts, to name a few. Parts for engines, transmissions, balers, plows & tillage. All types of bearings, seals, pulleys, sprockets, shafts, pedals, housings, etc., etc., etc. Bring a box and fill it!

+ PLUS +

On all parts behind the counter we're giving a 10% cash discount, including batteries, oil and filters.

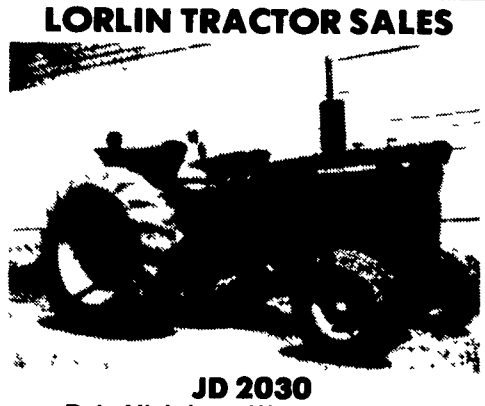
A.L. HERR & BRO.
PARK AVE., QUARRYVILLE, PA 17566
PHONE: 717-786-3521

Have a perfectly heavenly holiday!

Many thanks.

ENFIELD EQUIPMENT INC.
Whiteford, MD 21160

LORLIN TRACTOR SALES



JD 2030
Dsl., High-Low, Wts., 1400 Hrs.
$5,500

IH 806, Diesel, Torque	$3,900
JD 830, 2-Cyl, Collector	$4,500
JD 3020, Diesel, WFE	$4,900
IH 1026 2100 Hrs., Nice	$5,500
JD 4020, Cab, Dual Hyd.	$6,500
JD 4020 1972 Powershift	$7,500
JD 2440, 2400 Hrs., Nice	$7,900
IH 986 Cab, Good Torque	$10,500
JD 4440, Cab, PS, Sharp	$16,500

717-532-8926
Can Finance — No Sunday Calls

JD 4440, powershift w/ cab, very nice condition, $15,800. 717-532-7054.

JD 7100 planter converted to liquid 3R gel tomato planter; NH 1R 3 pt transplanter; Ford rear wheel weights. 215-754-7772.

JD A 1944, JD H 1940 hand start, good paint & rubber. Hagerstown, MD. 301-582-0558

Sale: Kuhn FC55 disc mower conditioner, 3 pt. hitch, 6'7" cut, good condition, $2,000. Huntingdon Co. 814-669-4634.

Sun-Master 4R stalk shredder. Lamco forage wagon, 3 beaters & roof. Husky 400 gal. field sprayer. 717-225-3380.

Tye 10' no-till grain drill, 15x8" pull type, $7,800. 215-459-3646.

Manure bucket for JD 350 crawler; 4 tires 1100x15 with white spoked wheels. 215-445-4410.

MF 410 diesel, kept in, emmaculate, 13' and corn head, $7,950. Larry Stalter, "The Combine Man." 814-635-3689

MF 750, 6-30" and grain head, very good, $12,750. Larry Stalter, "The Combine Man", 814-635-3689.

Farmall C w/cultivators, $650; NH 36' elevator, $725; Brillion 9' culti-packer, $175; 3 bale rack wagons, $250 each; IH 2 bottom trailer plow; MF 4 bottom 16" 3 pt. plow. 215-562-4464.

Farmers & Dealers - Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164.

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case IH

Case 1494 w/480 Hrs. "Special Price"

Case 995 Tractor & Loader
Case 2290 w/Open Cab, low hrs., A1 Shape
JD LA Antique Special
705 Power Unit Diesel, Uni-System
OMC 540 Stacker
OMC 540 N Mover
NI #324 Corn Picker w/Super Sheller
NI #324 2 Row Wide gathering unit, good shape.
Plus NI 702 Uni-Tractors, corn pickers & spreaders in stock at Good Prices.

Season's Greetings

May you experience the joys of Christmas with those you love Many thanks.

C. & P. FULTZ EQUIPMENT
RD 1 Spring Mills, PA
(814) 422-8807,
Ask for Paul

NEW EQUIPMENT SPECIALS

JD 1219 Haybine, $7,650
JD 337 Baler, $7,675
JD 716A Forage Wagon w/High Sides & Top, Less Running Gear, $6,450
NH #8 Forage Wagon w/234 Running Gear, $5,000
JD 1600 Spring Reset 4 Bottom Plow, $4,700
JD 8250 Grain Drill, 14x7, $4,100
JD 235 Disk Harrow, 17'1"
JD 215 Disk Harrow, 12
JD 2950, 2WD Tractor
JD 4250, 2WD Tractor
NH L250 Skid Steer Loader
NH L455 Skid Steer Loader

USED EQUIPMENT

MF 760 Combine w/V8 Engine, 6RN, 17' Grain Platform, $24,000
JD 7720 Combine 4WD
IH 1026D, Hydro, 112 HP w/Loader, $7,000
IH 2424 Tractor w/Loader, $3,800
JD 1020 Tractor, Gas w/47 JD Loader, $5,200
Yanmar 165 D 16 HP Tractor, 4WD, Turf Tires, Front Blade, Less Than 200 Hrs., 5,700
Kubota L245 Tractor, 2WD w/Loader, $4,500
JD 6 Cyl. Gasoline Power Unit, Just Overhauled, $2,000
Century 6R Sprayer, 3 Pth, $850
Cub LoBoy w/Implements, $2,200
NH 846 Round Baler, $3,900
JD 444 Corn Head, $4,500
NH 495 Haybine, 12', $4,500
Grimm Tedder, $675
Kuhn GMD66 6 Disc Mower, $2,500

JOHN DEERE

We At M.S. Yearsley & Sons Would Like To Wish Our Customers A Merry Christmas And A Happy New Year.

M.S. YEARSLEY & SONS, INC.
110-120 E. Market St.
West Chester, Pa. 19380
215-696-2990

USED TRACTORS

AC 7040, cab & air, power shift; 7030, cab & air; 6140 4WD w/loader; 6080; 6060 4WD; 5050 4WD w/loader; 5040 w/full hyd. front end loader; 190XT; 190XT w/cab; 175 diesel; 170 Gas; 160; D17; D15; G w/hydr. & cultivator; B; WD 45; 200 D w/Cab.
JD 3010 diesel; 2240; Used cab for JD 30 & 40 series tractors, also 5010.
IHC 856D w/Cab; 674 Gas; 544; 424 w/hydr. dump loader; 230; 140; 100; Super A, with equipment; Cub; Cub low boy w/5' Woods rotary mower; Cub low boy w/Mott Hammer knive mower; Cub w/cultivator; Farmall 460 Gas, Farmall M; Farmall H w/mower & snow plow; 674 gas, low hrs.
FORD: 7600 diesel, high clearance; 6600 w/quick tach front end loader; 4100 Diesel w/loader; 4000; 3550 w/loader; 600; and 8 N's; 2000 w/Belly lawn mower; 4000 w/front end loader.
KUBOTA: 7500 4WD demonstrator; 6000 4WD w/sickle bar mower; L 225 w/cab.
MF: 285; 265 diesel; 180; 175 diesel; 165; 65; 50 diesel; 40; Ferguson 30 w/loader; 40.

SNOW EQUIPMENT

75 Assorted snow plows; Valk 11' Snow Plow; Gledhill 10' Snow Plow; 3 pt., fast hitch, & snap coupler rear scraper blades; new tire chains - car, truck & trailer; some used tractor tire chain; new & used 3 pt. snow blowers & walk behind snow blowers; Vanmar 3 pt. snow blower.

INDUSTRIAL

TRACTOR LOADER BACKHOES - AC 715-B; JD 310-A; AC 715D; **CRAWLER LOADER** - AC 655; AC H3 Crawler w/angle blade. **TRACTORS WITH LOADER, 3 PT. HITCH & PTO** - IHC 2444, MF 40, MF 2200. **SKID STEER LOADER** - NH 455, Kubota Dsl., low hours; Gehl 4500, like new, 300 hrs.; Bobcat 610 gas, Bobcat 611 Deutz diesel. **LOG SKIDDER** - (2) JD 440 series A; **FORKLIFTS** - JD 9300 backhoe. 1 ton paving roller. 1977 Ford F700 truck with dump body, very good. 1969 Chevy Dump Truck. 2 axle - 6 ton Tag-A-Long trailer. ARPS 3 pt. backhoe for small tractor. Mechanics Special, IHC 3414, tractor loader backhoe, low priced. IHC 560 Forklift; Case 350-B Dozer; JD 350C dozer 6 way blade & winch; 1979 Louisville Ford low wheel base tandem & Cummins diesel; IHC F2010-A tandem long wheel base, needs engine work; 8' snow blower w/self contained engine; IH T6 Crawler, very good under carriage.

MANURE EQUIPMENT

Hedlund Martin 1254 Spreader; NI Tandem Spreader; Hedlund Martin 1257 Scavenger Spreader; IHC 550 Spreader.
Spreaders: NH 329, 512, NI 12, 3 beater, NI 245, 375 bu. mtd. on Ford truck; NI 244 & 245 tandem manure spreaders w/hyd. tailgates.
Clay vacuum honey wagon; injectors available, like new.
Hedlund Martin Vanguard 2400 gal. tandem spreader.
2100 gal. liquid spreader w/knife injector.
NI Basin Pump.
New Hedlund Martin liquid manure pumps & tanks in stock for immediate delivery.
Patz 3000 gallon liquid tanker
Better Bilt 1500 gallon liquid tanker
Better Bilt PTO liquid manure pump
Used tank type spreaders, 4 used PTO and ground drive conventional spreaders
Better Built 8' Manure Pit Pump, very good cond.
New Hawk 170 tank spreader at dealer cost, only 1 available.
Badger 3000 gal. tandem spreader w/injectors.

MISCELLANEOUS

Taylor 16 tooth trailer chisel plow; 4 NI 323 1R corn pickers, priced from $1995; 5 NI 324 & 325 2R wide or narrow row machine, with 12 row husking beds or sheller units. JD 312 w/mower; JD 2600 4-btm. spring reset plow, variable width; JD 8350 21 dbl. disc grain drill, like new, has small grain, fertilizer & grass seed compartment; Vicon 3 pt. hitch, power harrow, like new; NH 48' hay & grain elevator; New & used 3 pt. hitch snow blowers; Vermeer 30" tree spade, like new; Shaver 3 pt. post pounder; IHC 510 Grain Drill 13 double disc has grass seed & fertilizer like new, Shaver post pounder, 3 pt. hitch York rakes Servis 10 ft. 2 spindle trailer rotary mower, Bush Hog 5 & 6 ft. 3 pt. rotary mowers, Howard heavy duty 5 & 6 ft. 3 pt. roto-tillers, Small Davis backhoe for skid steer or 3 pt. mounting, IHC fast hitch carry all platform, Mott Hammer knife mower for Farmall Cub, 3 pt. hitch Mott Hammer knife mower, (3) Farmhand Corn Blurrs for high moisture corn, 20 misc. hydr. front end loaders for various models and make tractors - call for your needs, AC 100 HP D power unit with P.T.O. and clutch - choice of three. 12' Dump truck body; VanDale 14' silo unloader very good cond.; Steinhorst 400 gal. bulk milk tank; United Farm Tools- 1R corn picker, low acreage; Brillion 7 shank & Glencoe 5 shank soil savers, both like new.

NEW EQUIPMENT

Full line of Kubota tractors, loaders, mowers and tillers, low interest on all models. Deutz-Allis lawn and garden tractors. Deutz-Allis farm tractors from 40 to 110 horse power in stock. Blades, loaders, backhoes, trailers and carts; NI 360, 362, & 364 spreaders. One NI cornpicker, 2 row narrow head w/12 roll husking bed or sheller; Uebler 810-E, 808-E, 790 Feed Carts.

Now the distributor for Asplundh Wood Chippers in NE Penna. Parts, Service & Machines in Stock.

THIS WEEK'S SPECIAL
Ford 4000 Tractor/Loader
Detachable Backhoe, 3 Pt. Hitch,
PTO, Runs and Operates As Received
$5,985.00

WE SHIP PARTS DAILY BY UPS.

MARSHALL MACHINERY, INC.
Rt 652, Midway Between Indian Orchard and Beach Lake
Honesdale, R.D #4, PA 18431
PHONE: (717) 729-7117
SALES & SERVICE
Deutz-Allis, Kubota, Hesston, New Idea, CDS Industrial formerly AC light industrial

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TORQUE AMPLIFIERS, ETC.

Serving Customers Coast to Coast.

Complete TA assemblies for 706 1586 are priced at $595 and come with a Dana Co Heavy Duty Sprag instead of the usual IH sprag **The Dana sprag is guaranteed for 2 years against failure** Sprag kits (includes sprag gear Dana sprag and piston carrier) and all items for rebuilding your own TA are available to qualified persons Ramps and carriers for the older style TA's (as in SMTA, 340 560) are priced at $150 each and carry a 90 day guarantee We have all the parts needed to rebuild your TA in stock at prices that will save you money We also have a shop available for complete TA installation Or, you may split your own tractor and bring the center housing to us which we can rebuild while you wait (approx 4-6 hrs) We also stock New and Rebuilt Water Pumps, Dynlife Clutches Pressure Plates and PTO Drive Gears (Spline fit into pressure plates) for most IH tractors and combines

We are in need of TA & clutch cores for rebuilding purposes. If you have not returned your cores, please do so or call us for pickup.
Dealers: We are paying cash for cores. If you have quantity, we will pick up.

Dealer Discounts Available

LEAMAN TRACTOR PARTS
Box 250
Willow Street, PA 17584
717-464-2874

SHEETS BROS.
1061 Carlisle St.
Hanover, Penna.
717-632-3660

Zetors Tractor
43 HP 2 Wheel
43 HP 4 Wheel w/Loader, under $15,000
54 HP 4 Wheel
108 HP 4 Wheel, under $30,000
$500 to $1,500 Rebate

JD 101 SOLD 95
Used NH 851 Round Baler
Helix Grinder Mixer
TE20, $1,500

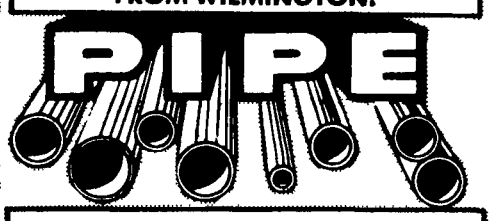
KELLY RYAN
BIG BAGGER

Kelly Baggers 8' & 9' w/Added Features
2 Used 190 Baggers
¾ Yd. Mighty Bites
Bags 8' & 9' Single, Dual & Folded w/2 Yr. Warranty
Bale Bags 5' & 6'
Custom Bagging

AG PRODUCTS COMPANY
717/328-3177

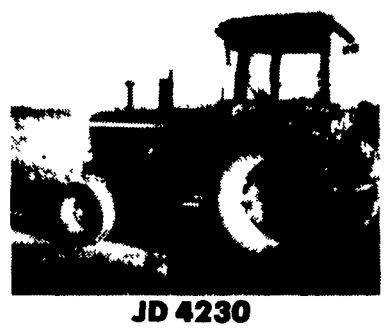
H. SCHWARTZ & SONS, INC.

NOW SERVING THE STATE OF DELAWARE DIRECTLY FROM WILMINGTON!

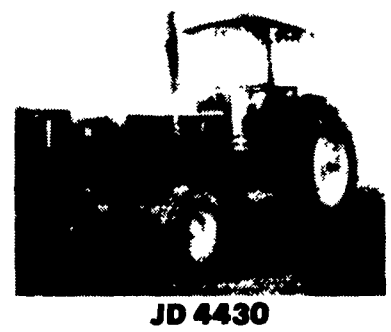


NEW, USED and RECONDITIONED PIPE
STANDARD - EXTRA & DOUBLE EXTRA HEAVY ALL SCHEDULES ALL TYPES FABRICATION - THREADING CUTTING — WELDING
121 SO. MARKET ST. - WILMINGTON 19801
302-656-0276 or 215-DE1-4240

NICE TRACTORS FOR SALE



JD 4230
$10,800.00



JD 4430
$10,800.00

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DEPENDABLE MOTOR CO.
East Main St., Honey Brook, PA.
215/273-3131 or 215/273-3737

Pittsburgh 4B 18" Semi Mtd. Auto Reset Plow $5275
Dunham 3 Bar 8 Tooth Chisel Plow Spring Loader 32" Shanks $1695
Dunham 8' & 10' Cultipackers ..... Special Prices

USED EQUIPMENT

IH 37 Baler
NH 310 Baler
NH 315 SS Baler Exc.
NH 56 Rake
Butler Oswalt 1830 Ensilmixer
Butler 280 Ensilmixer Stainless Steel Lined
NH 679 Spreader w/Hyd End Gate & Top Beater
NH 770 Harvester w/Electric Control.
NH 467 Haybine
NH #8 Forage Box
JD 7000 Corn Planter 6 Row Narrow w/Monitor
Gehl 99 Blower High Thrower

DEALER FOR
BUTLER | Livestock Systems
NEW HOLLAND | Roskamp | HUTCHMASTER

GUARANTEED QUALITY TRACTORS

JD 4840, Cab, Duals, 1983 ... $23,000
JD 4640, Cab, Duals, QR $20,000
JD 4240, 4 WD, Cab, QR, Nice $18,500
JD 4240 w/Cab, 4WDr, QR ... $16,200
JD 2350 Dsl, new, ... $13,000
JD 4230, 4 Post, QR $8,000
JD 2120 w/145 ldr., nice $7,200
JD 4520 SR, 2900 Hrs. $6,800
JD 4020 Dsl., WF, Sharp $5,500
MF 235 Dsl., 1200 Hrs. $5,000
JD 2510 Dsl. Tractor, NF, Nice . $3,000
JD 148 Loader w/Valve. $2,250
JD WFE for 3020 & 4020 ..... $1,000
JD 60, Fair Cond. $950
JD 830 SP Windrower $875
JD Cab For 4020 or 3020 ..... $850
JD 13 Dis. Grain Drill, Nice $650
Farmall M Tractor $600
JD Weights. ..... Half Price
Zimmerman Elevators & Wagon Gears
Farmco Metal Feeders & Bale Bodies
Steel Gates & Farmer Boy Bins
Brand New Extension For NH Chuck Wagon, Wooden Sides & Metal Roof $350
Complete New Snapper Head Adapting Kit for JD Harvester .. $250
New Hyd. Endgate For NH Sprdr. . $150

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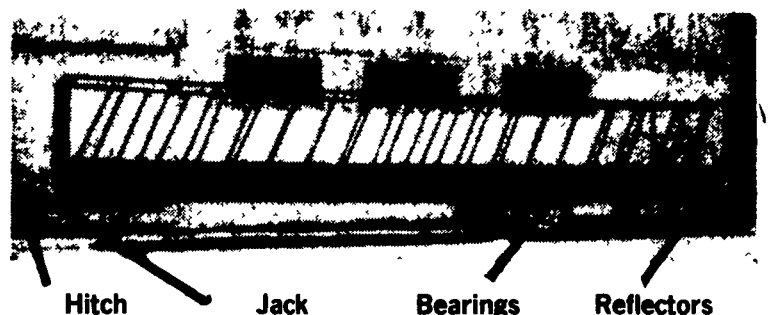
ALL PURPOSE FEED TRAILER All Metal Construction



Hitch Slide away hitch to prevent cattle from injury
Jack Fold up bulldog for easy hookups
Bearings Tapered roller bearings for long lasting & easy towing
Reflectors SMV sign for safe towing on highways

* Length 24' & 30' + hitch
* Cattle can eat out of all 4 sides
* For feeding in pasture or barnyard
* Suitable for feeding cows, heifers, steers etc.
* Ideal for feeding from bulk silo or Ag Bag
* Easy to tow behind pickup or tractor.

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TRACTORS
JD 2640 w/15 5x38
JD 2940 w/3000 Hrs
JD-M w/Equipment
JD B
White 2-70 w/Roll Bar
Long 360 Diesel
IH Cub w/Mower
Farmall M
JD 70 Skid Loader
JD 2040 w/Loader

HARVEST EQUIP.
JD 244 Corn Head
Gleaner K Combine w/Platform
Badger Tandem Forage Wagon
Badger Tandem Gear Only
New Holland 717 w/1 Row Head
JD 3940 Harvester
NH 275 Baler w/Thrower

MISC. EQUIPMENT
JD 125 Skid Loader
JD 450 Hyd. Push Spreader
Chromalloy Tank Spreader
10' Taylorway Chisel Plow

OTHER NEW EQUIPMENT SPECIALS

Little Giant Elevators w/Hopper 26' $1850.00
Little Giant Elevator w/Hopper 46' $2750.00
Badger 7' Mower Cond. $5500.00
Badger 1000 RPM Blower $1995.00
Henke 1000 RPM Blower $2700.00
4-Ton Electric Wheel Gear $350.00
Woods T-42 3 Pt. Tiller $1175.00
Koyker 7x35 Auger $1350.00
McCurdy 21' Rolling Harrow $4350.00
McCurdy 26' Rolling Harrow $5300.00
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Merry Christmas

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JD 4050 Tractor w/Power Shift, Cab, MFWD, Low Hrs.
JD 54 Spreader w/Top Beater, good cond.
MF 65 Tractor, Diesel, Very Clean
Case 1570 Tractor, very good condition Priced below Dealer's Cost
MF 410 Combine w/4 RW Head
JD 4400 Combine, Dsl. Engine w/Both Heads
Papec Harvester w/PU Head, 2R C.H., 2 R Snapper Head
JD 7000, 6R Conservation, Loaded, Dry Fertilizer
JD 7000, 4R Planter w/Frame Mtd. Coulters
JD 7000 4 RN Corn Planter
JD 1240, 4R Planter, $750
JD 494A Planter, $500
IH 400 Cyclo 6R Planter w/Liq. Fert., Insect. Attach., Hyd. Markers, Monitor $3,000
IH 400 Cyclo 6R Planter w/Dry Fert., Insect. Attach., Hyd. Markers, Monitor, Hydraulic Driven, $3,000
Case 140 spreader, top beater, good cond.
JD 450 Hydro Push Spreader, Real Nice
JD 3B Hydraulic Reset Plow
JD AW Disk
JD 520 Sprayer
JD 213 Grain Head

Ask about finance program on new & used equipment.
Check On Waiver Of Finance Available On All Our Machinery

KHD | DEUTZ ALLIS

See What Sets Us Apart

Dear Friends,

We would like to take a moment at this busy time of year to extend holiday greetings to all of our valued customers. It was your patronage that gave us a succesful year. We also extend best wishes for the new year. Let us share the joy of the season and His birth.

Sincerely
Jerry Hershey mgr.

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division of Stauffer Diesel Inc
R.D. #3 Box 659B Pleasant Valley Rd.
Ephrata, Pa. 17522

GOOD USED FARM EQUIP.

NH 489 Haybine, Cut 200 Acres, Like New $4,800
NH 256 Rake, Rubber Teeth, NEW SOLD. $2,050
JD 15.5x38 Snap On Duals $250
NH 316 Baler, Baled 4000 Bales $6,000
NH 489 Haybine, Brand New, Never Used $7,150
Pequea Hay Tedder, 7' PTO (Ne SOLD... $1,250
NH 489 Haybine, 3 Yrs. Old.... SOLD... $3,750
IH 784, Dsl., TA, Dual Hydraulic, Dual PTO $7,500

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HORST GROUP / **power pro equipment**

New OMC Mustang Skid Loaders In Stock

We Thank you For Your Support And Wish You A Happy Holiday Season and a Prosperous New Year

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Owatonna Mustang 440 Skid Loader
Owatonna Mustang 345 Skid Loader, Like New
NI 214 Spreader $500
New BushHog 12 Ft. Disk Harrow
Hough Payloader
Owatonna Mustang 330 Skid Loader
Owatonna Mustang 1700 Skid Loader
Bobcat 500 Skid Loader w/Bucket & Manure Fork
Thomas Skid Loader
Sauder Snow Plow For Tractor

10% Investment Credit Still Available For A Farm Finance Lease. Call Larry for Details.

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DEUTZ ALLIS OMC
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Leyland 802 tractor w/Allied Model 660 hydraulic bucket, $8,250
Leyland Model 270 tractor w/Allied Model 700 hydraulic bucket, $5,800
3 row mechanical transplanter units, model 4000, like new condition, $900 per unit
JD 16A flail chopper, used 2 seasons, $2,600
NH Model 890 chopper w/2RN corn head and hopper w/auger base unit for high moisture ear corn, $3,800
NH Model 880W pickup head, like new, $1,200
NH Model 27 blower, $750
Hesston PT10 haybine, $1,000
JD 125 chuck wagon on JD running gear, $1,200 ea.
Gehl BU910 forage wagon w/unloading extension on NH running gear, $1,350
NH Model 679 tandem manure spreader w/hydraulic end gate, $3,000
NI single beater manure spreader, model 217 w/new chain, $800

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Lackawana Co., PA

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New and used polyethylene storage and transport tanks - irrigation pipe and supplies. Used 1000 - 2000 - 2250 gal. tanks. See the new 1000 gal. horizontal tank with molded base, easy truck or trailer mount. New for 1987 2500 gal. tank. Used irrigation pipe 2"-3"-4"-5"-6". New and used pumps and travelers. Let us find your irrigation equipment needs for 1987. Specializing in liquid manure irrigation. We can supply your 1986-87 fertilizer needs with Alpine Plant Food, Liqui-Cal, Sulfur, Micronutrients and Biologicals. Manufacture to farm is our goal. You save when you call **(717) 264-3515 or 264-7492.**

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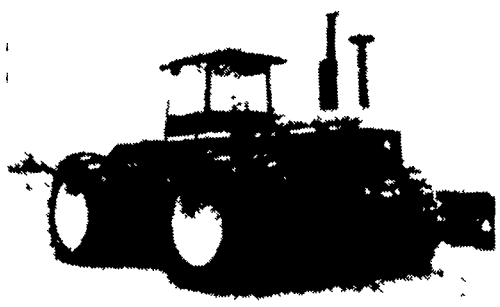
Adin L. Frey - Over 20 yrs. on the farm experience with irrigation.



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$44,000.00

8640 Model, 600 hours, like new with all factory updates

Above equipment in like new condition
Price negotiable as package deal

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May peace on earth and good will to all mankind prevail as we celebrate the miracle of Christmas.

Wishing everyone a very Merry Christmas from the family of

C.J. Wonsidler Bros.

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10% Off On All Parts In Stock

Cash & Carry

Also Specials On New Equip.

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New MF 220 & 224 Balers Super Discounts Till Dec. 31st

MF 1144 corn head
Vicon Fertilizer Spreaders
Pequea Woodsman Saw
Hedlund Martin Scavenger Manure Spreaders
MF 1010 Tractor, 4WD

USED EQUIPMENT

MF 23, 43 & 44 corn heads
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MF 285 Tractor
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1977 MF 750 Combine w/heads
1977 MF 760 Combine w/heads
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Hardy TR500 Sprayer w/45' boom
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MASSEY-FERGUSON
Where farmers' ideas take root.

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IHM $1,100
IH F300 ..... $1,800
IH 184 Mo SOLD Tiller $5,000
IH 674D $9,250
IH 100 Fast Hitch, Plow & Cultivator $2,400
IH Cub w/Cultivator $1,750
IH 464 G $5,250
Farmall 460 ..... $2,250
Yanmar 187 w/RM500 Mower $7,500

TILLAGE

AC 4 Row NoTill Planter $2,250
IH 56 Planter $1,250
JD Pull Plow $250
IH 55 Chisel 13 Ft. $2,400
8 Ft. Cultipacker $300
Lely Turf Shaper $3,500
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Used Mower-Conditioners ..... $1,800-$5,100
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Used Grimm Tedder $1,250
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NH 320 Baler & Kicker $8,250
IH 550 Spreader $1,000
NH 519 Spreader $1,000
NH 27 Blower $975
AC Blower $500
NI 319 Picker To Fit 656 ..... $900
IH 800 Cyclo Planter, 4 Row $8,500
Speedco 3 Pt. Splitter $450
10 Ft. Brillion Culti-Packer $475

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His birth inspired all mankind with renewed faith and hope. May you each experience the inner serenity and enlightenment that this special holiday brings.

To all of our Customers and Friends,
CHRISTMAS GREETINGS
AND A
JOYFUL NEW YEAR

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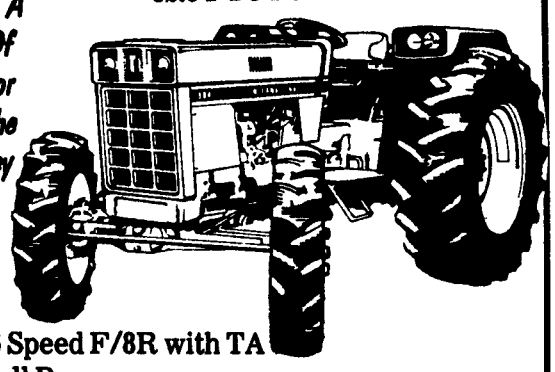
CASE IH 684D 4 WHEEL DRIVE TRACTOR

Here's A Lot Of Tractor For The Money

62.5 PTO H.P.



- 16 Speed F/8R with TA
- Roll Bar
- Hydraulic Disc Brakes, Independent 540 PTO, Differential Lock, Power Steering, 3-Point Draft Sensing Hitch
- 2 Hyd. Valves
- 167 Hrs.

ALL THIS FOR ONLY $13,800

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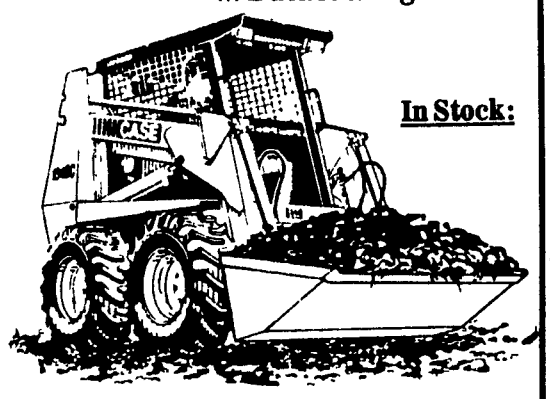
NEW CASE 1845C UNI-LOADER 51 H.P.

Deadline: Dec. 29th

Water-Cooled Diesel Engine w/Bucket & Big Tires



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If You're Buying A Skid Loader, Prices Have Never Been Better

You Can Own This Machine For Less Than You Think!

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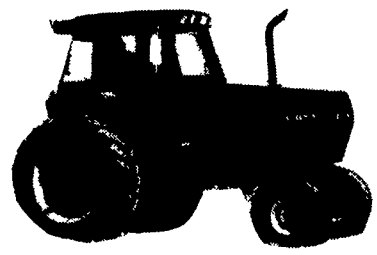
You've Never Seen So Much In A Tractor Until You've Seen The

- 585
- 4WD
- 52 PTO Hp
- (38.7 KW)

IN STOCK WITH NEW 2255 LOADER

CASE IH 2294 2WD, 131 H.P.



Waiver of Finance till Nov. 1, 1987

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$4,000 REBATE

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HAY & FORAGE

- IH 555 Forage Harvester w/Cornhead & Pickup
- NH 770 Harvester w/2 Row Cornhead & Pickup Attachment
- IH 56 Blower
- NH 320 Baler w/70 Thrower
- NH 258 Rake w/Dolly Wheels, Used 1 Season
- NH 880 w/Pickup Attachment
- IH #40 Shredder, 4 Row
- NH 2 Row Snapper 30" Rows
- IH 37 Baler
- NH 269 Baler w/Thrower
- New Idea Wheel Rake
- Magee Grinder Blower For High Moisture Corn
- NH 442 Disc Mower
- NH Model 1890 Self-Propelled Forage Harvester, CAT Engine, 3 Row Cornhead & Pickup Attachment, Good Condition
- Gehl 99 Twin Blower, Excellent Condition
- NH 489 Haybine
- Woods Model 208 Rotary Cutter
- NH 67 Baler w/Chute, Nice
- MF Model 1560 Round Baler
- NH 24' Elevator
- Little Giant Elevator, Like New
- Used JD 336 Baler w/Thrower, Ex Cond

TILLAGE

- 9 Tooth Glencoe Soil Saver
- JD KBA 10 Ft Transport Disk Harrow
- IH 370 Disk, 12 Ft
- MF Hyd Wing Fold Disc Harrow, 19 Ft., Ex Condition
- IH 700 Plow, 4 Bottom, 16" Semi-Mt
- Case 8 Ft Disc Harrow
- IH 710 5 Bottom Auto Reset Plow
- Int 55 9 Shank Chisel Plow w/gauge wheels $1250

SKID LOADERS

- NH L775 Skid Loader w/66" Bucket & Backhoe

CASE IH TRACTORS & EQUIP.

NEW
8.8% Interest
Or Waiver Till Nov. 1, 1987

USED
8.8% Interest
Or Waiver Till June 1, 1987

PLANTING & SEEDING

- IH 400 Planter, 6 Row, w/Dry Fert.
- AC Grain Drill
- Ontario Drill

SPREADERS & GRINDER MIXERS

- NH 791 Hydraulic Headgate
- Tandem Axle Starline Tank Spreader, Excellent
- NH 519 w/Hyd Endgate

TRACTORS

- IH 966 w/Cab, Ex. Condition
- Cockshutt Tractor, Model 30, Nice
- IH 966 3 Pt. w/20.8x38 Rear Tires, Ex. Cond.
- IH 454
- IH 184 Cub Lo-Boy w/Mower
- Farmall H w/Loader
- Farmall 350 Fast Hitch
- Farmall 300

FREE FINANCING TILL APR. 1, 1987

- USED YEAR ROUND CAB To Fit 56 Series Tractors ~~$995~~ $895
- N.H. 488 HAYBINE, Like New $4,850

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N.H. MODEL 791 SPREADER

Compare This...

Load More Bushels With A Big 227 Cu. Ft. Struck Level

- Extra Heavy Duty Floor Chain w/24,500 Lbs. Tensile Strength
- 16 Bolt-On Replaceable Heavy Duty Paddles

Option: Slow Speed Kit For Topdressing

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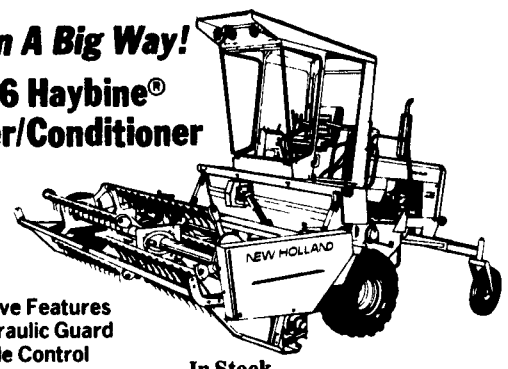
Hay In A Big Way! 1496 Haybine® Mower/Conditioner



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- ★ Hydraulic Guard Angle Control
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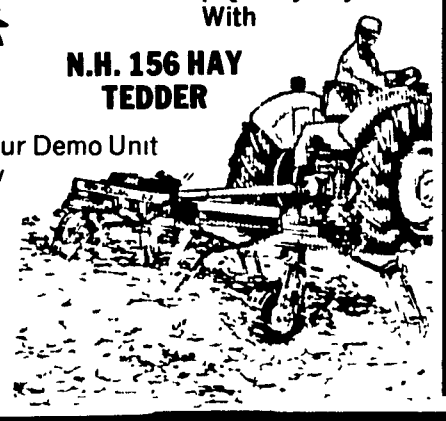
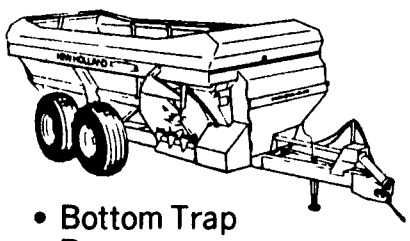
One Only
$1,350
Pay Cash & Deduct $200



NEW MODEL 308 SLURRY SPREADER

Spreads 10 Tons Per Load!



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- Bottom Trap Door
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AC 190XT
AC 7000, PS, ROPS
(2) AC 7020
AC 7040
AC 7060
AC 7080
(2) AC 5040
(2) AC 5050
AC 210
AC 5020
JD 2840
JD 2240
Kubota B7100 HSE w/RC6000 Mower
IH 986
AC 6140

MOWER CONDITIONERS
NH 1495 D w/12' Head
NH 489
NH 477
NH 1495 SP, 12' Hyd. Gas
NH 469
NI 279 Cutditioner

PLANTERS
AC 600, 4R, Air
(2) AC 600 4R no-till
AC 600 6R no-till
AC 333, 6RN

FORAGE EQUIPMENT
NH 1895 w/4RN & WPU
NH 890 W
NH 1890 Hydro C/A w/3RN & PU Head, 550 hrs.
(4) NH 822 Corn Head
NH 770 w/WPU
NH 28 Blower
NH 30 Blower
JD 5400, 3RN & WPU
Field Queen w/3RN, 2RW & WPU
Field Queen Standard w/3R Head
NH 900, 2R 30" Snapper Head

MISCELLANEOUS
NH 307 Spreader
Hub 48' Elevator
Gilson Snow Blower
NH 358 Grinder Mixer
NI 325 Corn Picker
AC 2500 Disk
IH Spreader
JD 220 Elevator
Crust Buster 13' Posi-Depth Soybean Drill

LOADERS & FORKLIFTS
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BALERS
(2) NH 273 w/54A Thrower
NH 846
NH 316 w/70 Thrower

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NH 451
NH 462 Disc
NH 463 Disc
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Richardson Side Dump

COMBINES
AC C II w/2 Heads
AC FKS2 w/430 Corn Head and 313 Flex Head
AC G440 Corn Head
AC 430 Head
AC 6RN Head for M2 Combine

LAWN & GARDEN
AC 5020
AC 716 w/Mower
(2) AC 712H w/42" Mower
AC 616 w/5' Mower & Dozer Blade
AC 611 w/Mower
AC 608
AC 312 w/Cultivator, Plow, Blade & Mower
Woods Front Runner
Cub Cadet 782
(2) Gravely w/Mower
JD 112
Kubota B5100E
MF 14HP w/Mower

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NH 258 V-Tandem Hitch

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New Shipment of NEW HOLLAND FARM TOYS!

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White 2-70 Tractor

COMPACT TRACTORS
IH 234 Diesel, 4WD

SKID LOADER
NH L35

HAY TOOLS
NH 273 Baler w/Thrower
NH 276 Baler w/Thrower
NH 469 Haybine
NH 479 Haybine
Owatanna 217 Haybine, 9 Ft.
NI 290 Mowditioner

GRINDER MIXERS
NH 353
NH 354

SPREADERS
NH 676 Spreader w/Hyd Endgate
JD 465 Tank Spreader
NI 214, 3 Beater

SPRAYERS
Walsh 300 Gal
Cent. Tractor 300 Gal.

PLANTING & TILLAGE
Brillion 14' Transport Harrow
IHC 400 4-Row, No Til
Case 7' Soil Controller
Oliver Superior No. 26 Grain Drill
JD 210 12 ft. Disk

MILLER DISK
10 Ft., 5 Inch
with Leveling Cylinder
$6,350

PICKERS
WD Allis Chalmers w/NI Mtd Picker

LAWN & GARDEN
White 1610 w/42" Mower
Crown Stone Picker, 4½ Ft. Wide, Hyd Driven
Cub Cadet 72 w/Mower
Cub Cadet 106 w/Front Blade & Mower

NORMAN D. CLARK & SON
Honey Grove, PA 17035
717-734-3682
Located 14 Miles South of Port Royal on Rt 75

USED EQUIPMENT

Farmall Cub
Disk Harrows
Grain Drills
MF 30 Loader
Farmall 656
AC 7000
Used Combines
IH 1066
IH Hydro 70

Norman Bright Inc.
45 Evergreen Road New Egypt, N.J
609-723-0300

HESSTON

The Prime Line of Farm Equipment

NEW HESSTON TRACTORS
45-66 45 hp 2 WD, ROPS, canopy, 1 remote $10,995
45-66DT 4WD, ROPS, Canopy, 1 remote $13,950
L310 Loader for 45-66 tractors, 66" bucket $2,995
55-66 55 hp 2WD, ROPS, canopy, 1 remote $13,895
* 60-66 60 hp 2WD, ROPS, canopy, 1 remote $13,995
60-90DT 60 h.p., 4WD, cab, heat, AC, Demo $19,500
L330 Loader fits 55-66 & 60-66, 72" bucket $3,425
* 70-66DT 4WD, 12x12 trans., ROPS, 1 remote $18,625
* 70-90DT 4WD cab, air, 2 remotes $22,980
* 80-66 2WD, ROPS, canopy, 1 remote . $17,225
L350 Loader fits 70-66 thru 80-66, 72" bucket $3,885
* 100-90 100 hp 2WD, cab, air, 2 remotes..... $22,890
100-90DT 4WD, cab, air, 2 remotes . . . $27,995
L350H loader fits 100-90 tractors . . $3,485
* 140-90 2WD, cab, air, 3 remotes . . $31,965
* 160-90 2WD, 16 spd power shift, cab. $35,865
160-90DT 4WD, cab, air, 3 remotes . . $38,555

HESSTON BIG TRACTOR DEMOS
1180T, 105 PTO HP, 150 Hours $22,500
1380T, 123 PTO H SOLD Hours $24,000
1580, 130 PTO HP, 120 Hours $25,500

* All Tractors Sold w/Full Warranty Includes 4 yr 3 000 Hr Engine Coverage Plus Demo Units Above Are 2WD w/11 00-16 And 18 4 38 Tires Long Rear Axles, Cab w/Air and Rear Tires Loaded

NEW HESSTON EQUIPMENT
1085 9 ft. mower conditioner, demo . . . $7,395
1050 9 ft. disc mower conditioner $9,600
1150 12 ft. hyd. tongue mower conditioner, demo $10,585
5530 550 lb. 3x5' round baler $6,350
5545 1200 lb. 4x6' round baler..... $10,350
5585 1500 lb. 5x6' round baler..... $11,395
BP20 Round Bale Processor $6,995
4600 Bee Line Baler 14x18" w/thrower $11,000
* 4800 Big Baler 4'x4'x8' one ton baler . $43,795
7155 175 hp, 1000 PTO, electric controls $11,995
2540 9-shank cutter chisel. $5,995
2440 25 ft. hyd. wing disc w/3 bar levelers $11,500

USED TRACTORS & EQUIPMENT
JD 4430, cab, Q.R..... $13,500
JD 4030, 4 post ROPS, Q.R..... $10,500
JD 4020, ROPS, canopy, W.F., turbo..... $9,500
JD 3010, gas, N.F., recent trans. rebuild.. $5,100
JD 1530 ..... $5,885
JD 1020, gas, very good condition..... $4,500
Mitsubishi MT 250, 4 WD, 82 hrs. $7,400
IH 560 Diesel $4,000
IH M..... $1,100
JD side mount mower $525
MM 12 ft. chisel plow, pull type $1,395
NH 495 12 ft. haybine..... $3,495
IH Super A w/snow plow, one bottom plow & cult..... $2,875
NH 329 spreader, new drag chain assembly ..... Call For Price
NH 363 flail spreader, used 2 years, ex. cond $3,995
Knight 912 spreader, new $5,695

* Denotes equipment that is available or coming in

Prices Good Thru Dec. 26th.

HESSTON MITSUBISHI

D.W. OGG EQUIPMENT CO.

Simplicity 2 locations WOODS

(Bob's Welding)
4125 Franklinville Road
Taylorsville, MD
(301) 829-2042

5149 Cap Stine Road
Frederick, MD
(301) 473-4250

FOR SALE

New Surplus Power Transmission Products
150 Browning 4Q3V60 Pulley 4 Groove ..... $4.00 Each
6 Browning 6Q3V60 Pulley 6 Groove ..... $6.00 Each
35 Browning 2BK47H Pulley 2 Groove..... $7.50 Each
40 Browning AS44-½" Pulley 1 Groove ..... $3.00 Each
40 Browning H Bushing ¾" and 7/8" ..... $1.75 Each
12 Browning PB-250x¾" Pillow Block ..... $7.50 Each
10 SSFT-20R-1¼" Flange Bearing..... $5.00 Each
8 SSFT-16-1" Flange Bearing ..... $5.00 Each

New Surplus Steel Tubing - Rust Free
120 Pcs. ¾" O.D. x18 ga. wall x 18' Long Round..... .06 Ft.
440 Pcs. 3x3 Sq.x3/16 Wall x 27" Long..... .75 Each
862 Pcs. 1"O.D. x 15 ga. Wall Round x 31 5/16" Long ..... .10 Each
104 Pcs. 3½" O.D. x 3/8" Wall Seamless x 8¼" .... $1.50 Each
3 Pcs. 3½" O.D. x 3/8" Wall Seamless x 20' ..... $3.50 Ft.

Aluminum Tubing
12 Pcs. 3½" O.D. x 1/8" Wall x 20' Long ..... $1.25 Ft.

Hydraulic Motors
6 White RSAC1 - Same As Charlynn M-203 ..... $65.00 Each
1 White - RE864 - High Torque - Low Speed..... $125.00
1 Commercial Pump, 2000 RPM, 2000 PSI, 40 GPM... $125.00

Machinery
1 - Jet 1550 Colchester Type Engine Lathe With 3 Chucks, Faceplate, Steady Rest, Coolant, 4 Way Tool Post, Aloris Toolpost and Holders. 2 1/8" Spindle Hole, Geared Head 20-1800 RPM (excellent)..... $5,500.00
1 - Forklift Sideshift Unit (Complete) Fits 16" Carriage $275.00
4 Pierce All HD 3½ Unitized Holders 12" Throat . $150.00 Each
1 - Acorn 5'x5' Welding Platen $125.00
1 - 2000# Platform Scale $250.00
Will Consider All Offers On Any Of Above

We Offer
Custom Shearing To 3/8"x10'
Custom Forming To ¼"x12'
Custom Punching To 120 Ton
Custom Welding, Fabrication & Machining

In Stock For Sale
Steel Wheels To Fit Most Farm Equipment
6 Ton Wagon Running Gears
Flat Bed Wagons - Stock And Made To Order
Heavy Auto Turn Front Ends For Choppers, Etc.
4-5-6-8 Hole Hubs, Spindles, Center Discs
N.H. Baler Engines, Mounts, Rear Hitches & Chutes

Farm-Bilt Machine
68 South Weavertown Rd.
Ronks, Pa. 17572

USED FARM & LAWN EQUIPMENT

JD 4020 Tractor, Power Shift
JD 2510 Gas Tractor, Excellent
JD 750, 4WD w/Loader (Like New)
JD F930 w/60" Front Mower
(2) JD 160 Mid Mount Mowers for JD 650 & 750 Tractors
(3) JD 111 Lawn Tractors
JD 160 Lawn Tractor
JD 420 L & G Tractor w/60" Mower
JD Power-flo Collection System For 50" Mower
Parker, 5 HP Leaf Collector (Like New)
JD 38T Lawn Sweeper
JD 47, 2 Stage Snowblower for JD 318 Tractor (Like New)
JD 1032 Walkbehind Snowblower
JD 423, 6 ft. Front Mtd. Blade for JD 850, 950 & 1050 Tractors
Myers Front Blade for JD Utility Tractors
JD 59 Fork Lift for 3 pt. Hitch, or Front End Loader
JD X4 Snowmobile
JD 440 Trailfire Snowmobile
JD Liquidator (bad engine) Selling-as-is
JD A-18 High Pressure Washer

NEW EQUIPMENT IN STOCK
JD 575 Diesel Skid Steer Loader (SAVE! This Unit Must Go)
JD 25A Flail Mower
JD 1000 2 Btm. 3 Pt. Plow
Bush Hog 5-6 ft., Rotary Cutters
Bush Hog 3126 10½' Rotary Cutter
Hardi BNC 53, 53 Gal. 3 Pt. Sprayer

SPECIAL SALE PRICED ITEMS
JD F910 w/60" Front Mower
List Price $9,504.00,
Sale Price $7,150.00
JD 48" Commercial Walk Behind Mower w/2 cyl., 16 HP, B&S Engine
List Price $3,495.00,
Sale Price $2,895.00

HARDI
Good Selection Of Used L & G Equipment In Stock
Call Us For Your Needs
JOHN DEERE

NEUHAUS'ES, INC.
32 Main St., Glen Rock, Pa. 17327
717-235-6831
1-800-222-7618

M.M. WEAVER & SONS, INC.

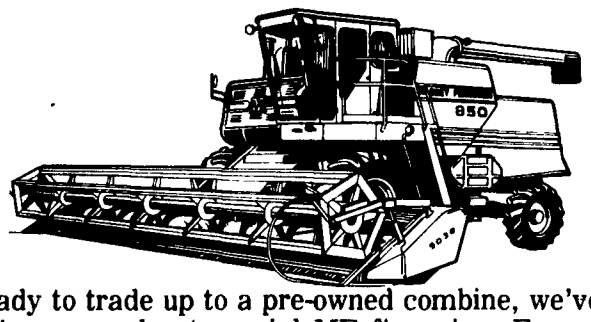
51st ANNIVERSARY SALE DAYS

December 29, 30 & 31, 1986; January 2 thru 16, 1987

OPEN HOUSE on Tuesday, January 6, 1987

PRE-SEASON PRICE BREAKERS

MASSEY COMBINES CORPORATION



Save up to 25%

on 1987 model combines

Put the savings of early buying to work for you Order a 1987 model Massey 850 to 860 combine by December 20th, and you could enjoy savings of up to 25% or more off list price

Plus, take your choice of

- Low 8 9% financing, or
- Waiver till July 1, 1987, for grain units, or Sept 1, 1987, for corn/bean units, or
- Additional discounts for cash deals!

Buy early and save big — but hurry! These special factory-direct savings end December 31st

See us for full details

If you're ready to trade up to a pre-owned combine, we've got a combine and a very special offer for you. Come in now and get special MF financing. For cash/no-trade deals we can even offer some additional discounts. See us for full details before the year ends — and these offers end.

10% OFF THESE PRICES ON ALL USED COMBINES, TRACTORS & EQUIPMENT...CASH & CARRY

USED COMBINES

1984 MF 850 Hydro with 9115 Floating 15 Ft. Grain Head and 1163 Corn Head	$58,000
1982 MF 850 Gear Drive	$29,000
1981 MF 850 Hydro	$34,000
1980 MF 550 Hydro	$15,000
1980 MF 750 Gear Drive	$24,000
1979 MF 550 Hydro	$18,000
1978 MF 760 Hydro	$17,000
1978 MF 760 Hydro	$15,000
1978 MF 750 Hydro	$16,000
1977 MF 760 Hydro	$18,000
1977 MF 760 Hydro	$19,000
1977 Gleaner "M"	$16,000
1976 MF 760 Hydro	$15,000
1976 MF 760 Hydro	$16,000
1975 MF 750 Gear Drive	$12,000
1975 MF 750 Hydro	$14,000
1974 MF 760 Hydro	$12,000
1974 MF 750 Hydro	$8,500
1972 MF 510 Gear Drive	$6,500
1969 MF 300 Gas	$4,000
1969 MF 300 Gas	$2,700
1969 MF 410 Diesel	$5,000
1966 MF 510 Diesel	$2,500
1969 John Deere 6600	$4,500
1975 IH 615 Hydro	$4,500
IH 315 Hydro	$3,500
C II Gleaner	$4,000
Like New 1144 Corn Head	$5,500
1163 Corn Head	$5,900
JD 215 Flex Head	$4,800

USED EQUIPMENT

Tye 10 Ft. No-Till Grain Drill	$9,000
MF 724 260 Bu. Manure Spreader	$6,100
Glenco 12 Ft. Transport Disc	$6,200
Glenco 9 Tooth Soil Saver	$5,900
Glenco 7 Tooth Soil Saver	$4,900
MF 351 19½ ft. Soil Finisher	$6,100
Landoll 10 ft. Soil Finisher	$3,200
John Deere 310 Disc Harrow	$3,200
Brillion 11 Ft. Cultipacker	$700
Brady 6 Ft. Flail Chopper	$2,500
Shaver Post Driver	$1,850
Danuser Post Hole Digger	$640
Danuser Wood Splitter	$780
MF 880 Hyd. Reset 6-16 Plow	$4,650
MF 345 Spring Reset 3-16 Plow	$2,500
MF 82 Spring Trip Plow	$1,200
MF 66 Spring Trip Plow	$450
Ford 10 ft. 3 pt. Chisel Plow	$1,200
Yetter 15 ft. Rotary Hoe	$1,500
MF 820 Hyd. 19 ft. Wing Disc	$8,500
MF 233 10 ft. Disc Harrow	$4,100
MF 124 Baler	$1,500
MF 260 Harvester w/2 Row Corn Head	$2,500
NH 717 Harvester w/1 Row Corn Head	$800
MF 41 3 pt. Sickle Bar Mower	$2,400
MF 925 Haybine	$1,500
EZ Trail 6 Ton Running Gear	$550
15 Ton EZ Trail Wagon With 450 Bu. Gravity Bed	$4,200
EZ 475 Bu. Self Unloading Grain Cart	$6,400

DEMO & RENTAL TRACTORS

MF 3545, 125 HP	$23,500
MF 670, 55 HP	$19,700
MF 240, 34 HP	$8,200
MF 1020, 17 HP	$5,400
MF 1010, 13 HP	$4,900

1980 Uni System, Only 1200 Hrs.

801 4 Wheel Drive Unit	$26,000
818 Grain Combine	$6,000
840 Feeder House	$2,000
844N 4 Row 30" Corn Head	$4,500
767 Harvester	$3,300
774 4 Row 30" Harvester Head	$2,900
766 Hay Pick Up	$1,000
Buy Complete Machine On Sale Days And Receive A Big Discount	$45,700

USED TRACTORS

MF 698	$14,500
MF 1155 w/Duals	$10,000
MF 1155	$7,900
MF 1150	$5,500
MF Super 90	$4,500
MF 180	$3,500
MF 178	$3,400
MF 178	$2,200
MF 50	$2,200
MF 1655	$2,000
MH Pony	$1,250
MF 165 On Steel	$2,500
MH 444	$1,000
IH 1206	$6,500
IH 574	$5,200
Farmall "H"	$500
Ford 8000	$5,500
Ford County 1164	$6,800
Ford 9W	$2,000
Ford 960	$2,100
AC 180	$4,900

Our Thanks To Everyone Who Helped Make 1986 A Successful Year. We Sold 16 New Combines In 1986, Including: (4) 550's, (5) 850's & (7) 860's. We Sold 36 New Tractors In 1986, Including: (9) 16-30 HP, (11) 40 HP, (9) 50-60 HP, (4) 70-80 HP, (1) 100 HP, (1) 120 HP & (1) 300 HP.
Thanks For Your Patronage

MF MASTER CS CERTIFIED SERVICE

SERVICE SPECIAL

Farm Equipment Does Not Break Down When You Are Not Using It... But That's The Best Time To Repair It!

10% DISCOUNT

On Parts Used On Major Overhauls Over $500 During The Month Of January, 1987

SCHEDULE YOURS NOW!

MF Massey Ferguson

M.M. WEAVER & SONS, INC.

Leola, PA 17540 Phone: (717) 656-2321

Located 4 miles West of New Holland on Rt 23, 1½ miles Northeast of Leola on the No Groffdale Rd , 1 mile on the right, opposite Groffdale Mennonite Church

51st ANNIVERSARY SALES DAYS

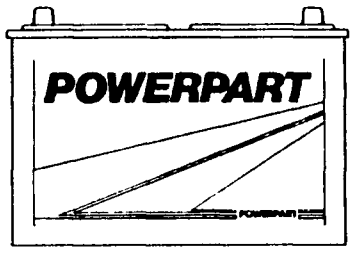
■ PARTS ■ NEW EQUIPMENT ■ GOOD USED EQUIPMENT

Dec. 29, 30 & 31, 1986; Jan. 2 thru 16, 1987

Mon. thru Fri. 7 A.M. to 5 P.M.; Sat. 7 A.M. to 12 Noon
Closed Dec. 25 and Jan. 1
All Items Subject To Availability

WINTER SALE ITEMS

NEW! Powerpart Batteries



Check Your Battery Needs Here And SAVE!

BATTERIES & ACCESSORIES

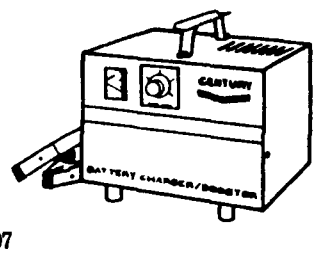
- 60 Mo. Group Size 27, 12V - For Diesel Power (630 Cold Cranking)
  List $70.50 SALE **$56.40**
- 72 Mo. Group Size 24, 12V - For Gas Tractors, Cars, Trucks (650 Cold Cranking)
  List $71.35 SALE **$57.10**

– All Other Batteries In Stock –

20% OFF LIST

NEW! BATTERY CHARGERS

- 6 Amp, 12 or 6 Volt, PS 901
  List $29.99 SALE **$26.99**
- 10 Amp, 12 or 6 Volt, PS903
  List $39.99 SALE **$35.99**
- 15 Amp w/100 Amp Boost, 12 or 6 Volt PS906
  List $99.99 SALE **$89.99**
- 30 Amp w/200 Amp Boost, 12 or 6 Volt, PS907
  List $129.99 SALE **$116.99**



Features: Product Info/Charging Tips/ Warranty/Retail Tips

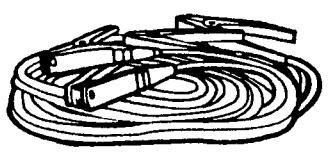
STARTING ETHER

- Starts stubborn engines in seconds
- Prolongs Battery Life
- Sprays to 65° below zero

- HOT SHOT, 11 Fl. Oz. ..... SALE **95¢** Ea.
- Case Lot $11.88 **LESS 5%** **$10.83**

NEW! BOOSTER CABLES

- 12 Ft., 6 Ga., PS000912
  List $15.99 SALE **$14.39**
- 16 Ft., 4 Ga., PS000914
  List $22.95 SALE **$20.66**
- 20 Ft., 4 Ga., PS000915
  List $25.95 SALE **$23.36**



Features: Product Info/Charging Tips/Retail Tips.

FPPF POLAR POWER

Cold Weather Diesel Fuel Treatment
8 Fl. Oz.
Treats 60 Gal. **$3.50**

LUBRICANTS

Selling Hydraulic Fluid Right Off The Trailer!

Offering The Lowest Prices....

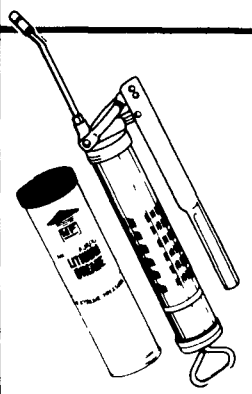
UNIVERSAL HYDRAULIC FLUID
PERMATRAN III

Universal extreme pressure transmission & hydraulic fluid.

Stock One Oil For All Your Farm Equipment

Lubricants	SALE Cost Per Gal.
• Permatran III Oil	
2½ Gal. Container	$11.27 ..... $4.51
• 30 Gal. Container	$130.77 ..... $4.36
• 55 Gal. Drum	$212.00 ..... $3.85

Buy 2 Drums & Receive An ADDITIONAL 5% DISCOUNT $3.66/Gal.

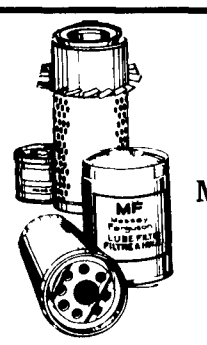


GREASE AND GREASE GUNS

	List	SALE
• Single Tubes	99¢	90¢
• 10 Pkg. Grease Cart	$9.99	$8.10
• 50 Pkg. Grease Cart	$49.95	$36.50
• 1902-684M91 Grease Hose	$3.20	$2.72

GREASE GUNS

• Lever Action, 1902-683 M92	$9.15	$6.95
• Pistol Action 1904-778 M91	$15.12	$9.95



MF FILTERS

Lube, Fuel, Air, Hydraulic

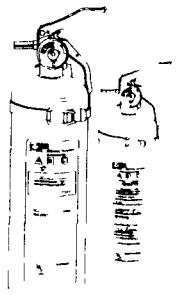
Don't fall for look-a-likes - use Massey-Ferguson filters for better & longer engine life.

LUBE & FUEL FILTERS
Buy 4 At Regular Price And
RECEIVE ONE FREE
All Other Filters 20% Less

GLENCOE CHISEL PLOW PARTS

	SALE
• 20" Coulter Disc, PS4422	$17.55
• LH Hardfaced Points, P6167	$12.18
• RH Hardfaced Points, P6168	$12.18

FIRE EXT...G



Don't be ...ugh!

Install reli...e M... tinguishers ... you... pens, on t...tors made of He...y du... corrosive p...s, in... with positi...on-o... easy readi...wate...

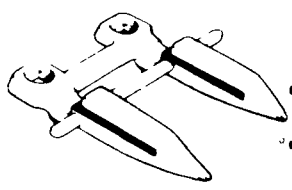
- 20004A91, 2½ Lb. .....
- 20005A91, 5 Lb. .....
- 20005A91, 10 Lb. .....

CUTTER BA...

It Takes Tw...mp E... Co...e Gua...

CUTTER BAR PART... SEC...

- 1053-209 M1 Hart Carter Section PS 112001 ..... $1...
- 146-503 M2 Ridgit Sections PS 412132. ..... $1...
- 1904-914 M2 Powercut Section PS623011 ..... $1...



- 228-392 M1 Ridgit MF Cut...ar...

Do You Need ...p W...

MF Mass...rgus...

POWER...

CLEANING SYSTEM

Do You Spend Hours Cleaning Your Cars, Trucks, Tractors, Combines, Hog Pens, Windows, Grills...? Let The POWERPART CLEANING SYSTEM Help You Get The Job Done.

Come Clean Today!

- MF 8500 20-109 A91, 500 ...b., ¾
- MF 8600 20-111A91, 600 ...b., 1...

Plus Get $45 ...th C... Cleaning ...emi...

10%
MF Powerpar... Cle...

10% OFF ON ALL OTHER PARTS
Sold Over Counter From
Dec. 29 to Jan. 16, 1987
★ *Cash And Carry* ★

MF Massey Ferguson

M. M. W...
LEOLA, PENNA. 17540
PHONE: 717-656-2321

OPEN HOUSE

SPECIAL 1 DAY ONLY - TUESDAY, JANUARY 6, 1987

LUNCH WILL BE SERVED 11-2

Maintenance and Operation Seminars

10:30 A.M. Tractors
2:00 P.M. Combines

★ Representatives from various manufacturers will be on hand to demonstrate products and answer questions
★ Join us during Open House for Fun & Fellowship

TINGUISHERS

e ght without protection!

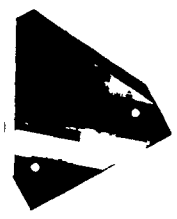
e Massey-Ferguson Fire Ex- your home, the barn, animal tors and combines. They're y duty carbon steel with non- s, inside and out, and operate on-off squeeze grip; feature aterproof gauges.

	List	SALE
	$21.30	$19.17
	$31.80	$28.62
	$50.15	$45.13

R BAR PARTS

p Edges To Cut Guards!

SECTIONS



	List	SALE
	$1.07	70¢
	$1.06	68¢
	$1.02	82¢

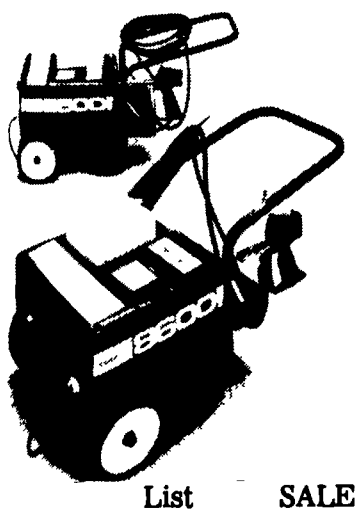
GUARDS

	List	SALE
E1 NH Haybine F 925 BU 215	$6.49	$5.84
39 E1 MF Floating ter Bar BU 231	$6.70	$6.03
ar	$7.75	$6.20

p With Cleaning?

rguson

RPART

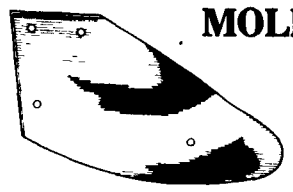


	List	SALE
., ¾ H.P.	$499	$399
., 1 H.P.	$599	$485

th Of MF Powerpart emicals FREE!

% OFF
Cleaning Chemicals

TILLAGE PARTS SALE



MOLDBOARD PLOW PARTS

Direct Shipment From Manufacturer To Us Allows For These LOW PRICES

There Is A Difference 3 Layers Of Steel For
• LONGER LIFE • SHOCK RESISTANT • LESS CRACKING

16 INCH 4 BOLT PLOW SHARES

	O.E.M.	SALE
• 475-167 M1 Reg. Share Long	$11.25	$8.77
• 475-715 M1 Heavy Duty Short	$17.65	$9.79
• 475-716 M1 Heavy Duty Long	$20.35	$10.32

FITS MOST PLOWS

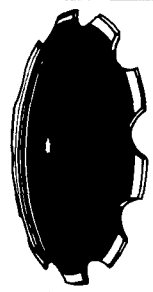
• 661-869 M91 Trashboard	$33.05	$11.62
• 660-020 M91 Shins	$17.97	$7.32

MOLDBOARDS

• 660-022 M91 14"	$100.50	$50.66
• 660-206 M91 16"	$104.50	$59.91

ALL OTHER PLOW SHARES, LANDSLIDES, SHINS AND MOLD BOARDS NOT UNDER DIRECT SHIP PROGRAM ARE 20% LESS

Plus The Best Warranty In The Industry!



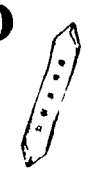
Disc Blades

- High concavity for greater draft and more soil action
- Plain and notched styles for various field conditions
- Center hole sizes available to fit non Massey-Ferguson machines

Number	Dia.	Ga.	Disc.	Shaft Sizes	SALE
• P5041033	20"	6	Plain	1 1/8" Sq. x 1¼" Sq.	$14.95
• PS045045	22"	6	Plain	1¼ Sq. x 1½ Rd.	$18.29
• PS045049	22"	¼"	Plain	1¼ Sq. x 1½ Rd.	$18.93
• PS045050	22"	¼"	Notched	1¼ Sq. x 1½ Rd.	$19.31
• PS046063	24"	¼"	Plain	1½ Sq x 1¾ Rd.	$25.61

We Have Other Sizes
Check For Your Needs And Prices

WEATHERED TWISTED CHISEL POINTS



- Heat treated, tumbled & varnished
- ½" thick for longer wear
- Fits 2¼" centers for 7/16" plow bolts

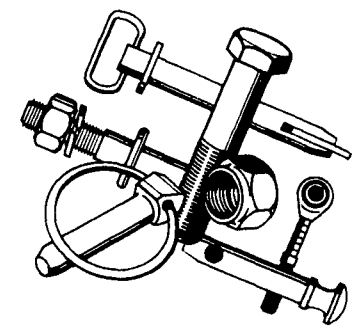
DF4995R	3x½x22 R.H.	$6.75
DF5995L	3x½x22 L.H.	$6.75

Massey Ferguson PAINT

Increase The Resale Value Of Your Machine With Massey Ferguson Paint!

HARDWARE AND HITCH PINS

Grade 5 Hardware
$1.50 Lb.



HITCH PINS w/RETAINER CHAIN

Number	Length	Dia.	List	SALE
• 30-151E91	6¼"	¾ in.	$4.73	$3.99
• 30-152E91	6¼"	7/8 in.	$6.27	$4.25

HITCH PINS w/PRESTO PIN

• 30-281E1	6¼"	¾"	$3.13	$2.75
• 30-282E1	6¼"	7/8"	$4.20	$3.75

LINCH PINS
6 For **$1.00**

POWERPART CHEMICALS

A Wide Variety Of Universal Products For Farm, Home, Industrial, Automotive, And Recreational Use.

Full Line Of Chemicals With Quality At Competitive Prices

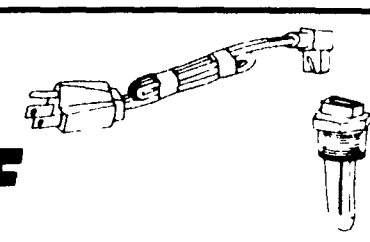
Penetrating Oil

BUY ONE AT REG. PRICE	$1.55
GET SECOND AT ½ PRICE	.78
TOTAL...	$2.33

Frees All Rusted, Frozen Or Corroded Lugs And Bolts

BLOCK HEATERS

10% OFF



AVER & SONS, INC.

Located: 4 miles west of New Holland on Route 23, one and one-half miles northeast of Leola, on the North Groffdale Road, one mile on the right, opposite Groffdale Mennonite Church.

20% OFF Regular Price

10% OFF REGULAR PRICE

★ Bring Your Own Containers - Get Bulk Price

"BUY QUALITY"

QUAKER STATE MOTOR OIL

51st ANNIVERSARY SALE

Dec. 29, 30 & 31, 1986
Jan. 2 thru 16, 1987

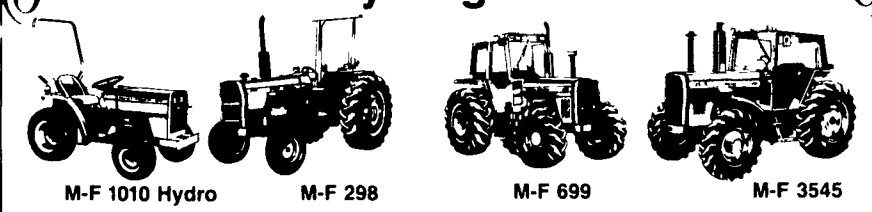
COMBINE HEADQUARTERS

up to $1200

M-F SAVINGS

up to $1200

Trim up to $1200 off our best price on Massey-Ferguson tractors



M-F 1010 Hydro · M-F 298 · M-F 699 · M-F 3545

Now may be the best time ever to buy a new Massey-Ferguson tractor That s because when you bring in this Savings Certificate, Massey-Ferguson will give you a discount on new M-F tractors of up to $1200 depending on the model selected

- Save up to $400 on M-F Compact tractors
- Save up to $800 on M-F orchard vineyard and 200 Series tractors
- Save up to $950 on M-F 600 Series tractors
- Save up to $1200 on M-F 3500 Series tractors

Name _____
Address _____
Telephone _____
Model Number _____
Serial Number _____
_____
Customer s Signature

Offers expire January 31 1987

Or choose low 6 9% APR M-F financing and generous factory discounts from Massey-Ferguson

Pick out your best deal on the best tractor for you And save like you could never save before

MASSEY-FERGUSON
Where farmers ideas take root

up to $1200

CERTIFICATE

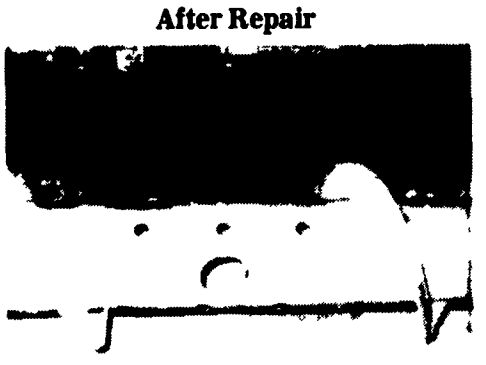
up to $1200

SCHMIDT

"HEAVY DUTY REBUILT TABLE AUGER"

Before Repair

After Repair



Damaged Or Broken Combine Table Augers Rebuilt Same As New!

No need to purchase a new auger when you can buy one that's rebuilt! Or have your auger repaired for less than one half of the new auger price!

Rebuilt augers are guaranteed to run true! "They are jig repaired."

We Can Rebuild All Makes Of Augers	Call Now For Appointment And Price Quotation To Have Your Auger Repaired

MF Massey Ferguson

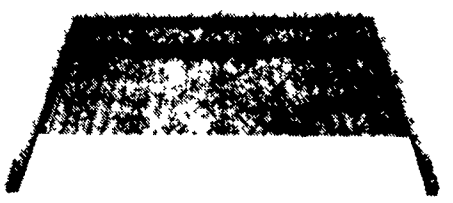
M.M. WEAVER & SONS, INC.

Leola, PA 17540
(717) 656-2321

Located 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church

Weaverline

COB CORN GRATE



for M-F 750/850, 760/860 COMBINES

REPLACE THE REGULAR CORN SIEVES IN YOUR COMBINE WITH A WEAVERLINE COB CORN GRATE

- ★ Save More Cobs
- ★ Keep Out Corn Leaves And Husks
- ★ Extremely High Capacity
- ★ Simple, Rugged Design
- ★ Works Very Well On Hillsides

TOUGH, STABLE AND AFFORDABLE

NORTHWESTERN MOTOR COMPANY

SKID STEER LOADER FEATURES:

- A unique oscillating axle that smooths movement over rough terrain.
- 4-wheel drive that keeps you going.
- Dependable hydrostatic drive.
- A powerful 4-cyl. gas or diesel engine.
- A 40" wheel base for improved stability

List....$19,500
SALE **$14,500**

Annual
SPRING AUCTION
Monday, March 23, 1987

Engine Parts — Gaskets

Cylinder Heads
Rebuilt or Exchange
Engine Rebuilding

Spring Garden Repair
RD 1, Box 204
Kinzer, PA 17535

1978 JD 4040, quad range and canopy $10,500
JD 2020 utility, gas, high/low $3,800
NH 358 grinder mixer, like new $6,100

HORNING'S FARM MACHINERY
717-733-7408

"SEASONS GREETINGS"

NEW EQUIPMENT

TRACTORS

JD 755, 2WD
JD 750 2WD
JD 655, 2WD & 4WD
JD 855, 2WD
JD 1250, 2WD
JD 2150, 2WD
JD 2550 2WD
JD 2750 2WD
JD 2950 MFWD
JD 3150 MFWD, SG
JD 4250 MFWD, SG, PS
JD 4450 MFWD SG, PS

PLANTING EQUIPMENT

JD 7000 Cons. Pltr. 6R
JD 71 Flex Planters

OTHER EQUIPMENT

JD 1065, 1075 & 1275 Wagon
JD 716A FG. Wagon

TILLAGE EQUIPMENT

JD 2800 5B Plow
JD 215 11'5" & 12'10" Disc
JD 1610 Chisel Plow
JD 712 Mulch Tiller, 13'

HAY TOOLS

JD 1219 Mower Conditioner
JD 327, 337 & 347 Baler
NH 316 Baler
JD 660, 670 Rakes

USED EQUIPMENT

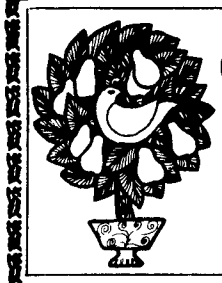
IH 966
IH 706
AC 200 w/Cab
Long 445 Tractor
JD 16' Grain Platform
Fox 3000 Fg. Harv.
JD 346 W Baler w/Thrower
JD 336 Baler w/Thrower
NH 310 Baler w/Thrower
JD 4400 G Combine
JD 444 Corn Head
Ford Sickle Bar Mower
Kuhn 6' Sickle Bar Mower

WAIVER OF INTEREST ON MANY ITEMS

I.G. SALES

DeLAVAL JAMESWAY
Silverdale, PA 18962
215-257-5135
Quonset Buildings

USED EQUIPMENT



Christmas Joy

May you celebrate this special season in the true tradition of love

TRACTORS

JD 8450, low hrs., w/Folding JD 335 Disk
JD 4630 w/duals, PS, engine overhauled $17,000
JD 2940, 1275 hrs. $15,000
JD A w/227 Picker ..... $ 1,400
IH 1486 w/Duals $15,900
IHC w/Equip. $1,900
IH 350 w/Loader $1,700
Ford 3000, reconditioned ..... $ 5,000
Ford 6000 ..... $ 2,900
MF 1105 w/Cab $12,500
AC B w/Attachments $1,200
JD 2010, need engine work $1,200
AC D14 ..... $ 2,500
Long 450 Dsl $4,500

COMBINES

JD 6620 Side Hill w/643 C.H. & 215 Flex, Reconditioned $53,000
JD 6620 Side Hill $37,000
JD 444 Corn Head ..... $ 4,500
JD 443 Corn Head ..... $ 5,500
JD 215 Flex Head ..... $ 4,500
JD 215 Rigid Head ..... $ 3,500

PLANTERS

JD 6R Cons., Dry Fertilizer ..... $ 7,900
JD 4 Row Consv. Liquid ..... $ 5,400
JD 4R Cons. w/Dry Fert. ..... $ 5,900
(4) JD 6R Consv. ..... Starting at $ 7,500
IH 400, 4R ..... $ 1,200

TILLAGE

JD BWA 16' Wing Disk ..... $ 2,200
JD 1600 Pull Type 10' Chisel Plow ..... $ 1,900
IH 370 12' Disk ..... $ 1,800
IH 11' Pull Type Chisel Plow ..... $ 700
Assortment of JD & Ford 2-3 Bottom Plows

HAY & HARVESTING

JD 1219 Mower Conditioner ..... $ 5,900
JD 336 Baler ..... $ 4,500
JD 14T Baler ..... $ 1,200
Gehl 1500 Round Baler ..... $ 3,500
NH 851 Round Baler ..... $ 4,500
NH 276 Baler ..... $ 2,500
JD 750 Grinder Mixer ..... $ 3,500
JD 894 Rake ..... $ 500
NH 469 Haybine ..... $ 1,000
IH 720 Harvester w/2 Heads ..... $ 3,500
Ford Sickle Mower ..... $ 400
(2) JD 965 Wagons w/Hay Racks .. $ 1,200 each

TOBIAS EQUIPMENT CO., INC.
Halifax, PA 17032
Phone: 717-362-3132

New New Idea Equipment

SPECIAL

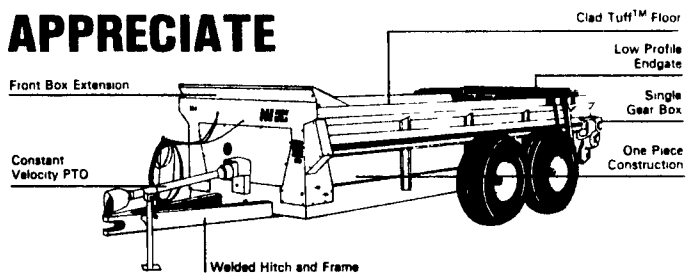
Planter, 6 row narrow, double frame, no till coulters, dry fertilizer, granular insecticides

List $17,348
SALE $13,800
CASH DISCOUNT ..... - $500
Cash Price $13,300
Liquid Fertilizer ILO Dry ..... - $500
Cash Price $12,800

Other New Idea Equipment

360 SERIES SPREADERS

FEATURES YOU'LL APPRECIATE



Model 360 250 Bu. (SOLD) $3,247
Model 361 180 Bu. w/Front Ext., Hyd. Gate, Upper Beater, Used Tires (SOLD) $4,527
Model 362 220 Bu. w/Front Ext., Hyd. Gate, Upper Beater, Regrooved Tires (SOLD) $5,377
Model 363 320 Bu. w/Front Ext., Hyd. Gate w/2 Cyls., Upper Beater, Regrooved Tires $7,400
Model 364 390 Bu. w/Front Ext., Hyd. Gate w/2 Cyls., Upper Beater, Regrooved Tires $8,475

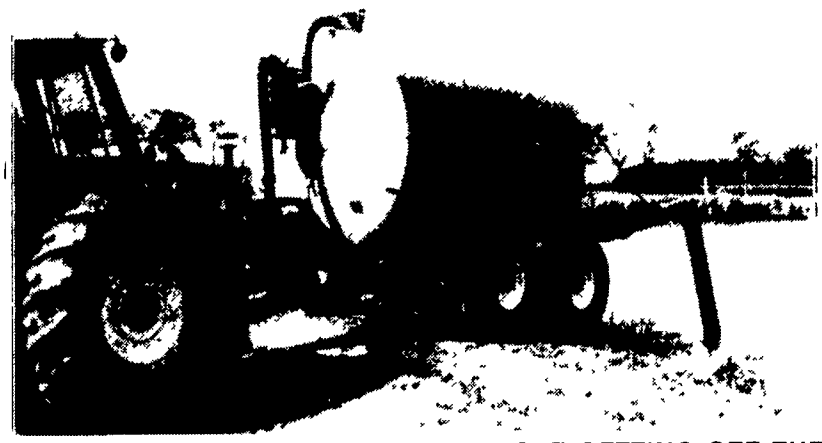
10% OFF On Spreader Prices Listed
Subject to Availability. Offer Ends 12/31/86

Eligible For 7.9% Financing Or Waiver Until 5/1/87

BIGGS INCORPORATED
34 Buckley Ave.
Rising Sun, Md.
NEW IDEA — NEW IDEA
301/658-5531

THE 2900

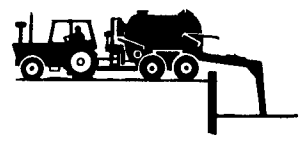
SLURRY BUGGY

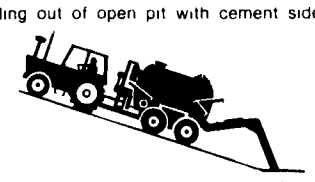


HAUL LIQUID MANURE ALL DAY WITHOUT GETTING OFF THE TRACTOR SEAT USING THE SLURRY BUGGY EASY LOADER.

THE SLURRY BUGGY IS DESIGNED FOR YOUR MANY LIQUID MANURE HANDLING JOBS.

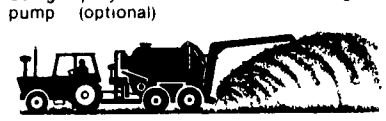
Loading out of pit with ground bank


Loading out of open pit with cement sides


Backing down ramp to load using 8' boom

Using 6" side valve and hose for pumping out open pits or under building

Using top hydraulic manhole for loading with pump (optional)


Unloading with your pick of three different spreading patterns or spring loaded injection

FOR FREE LITERATURE CALL OR WRITE

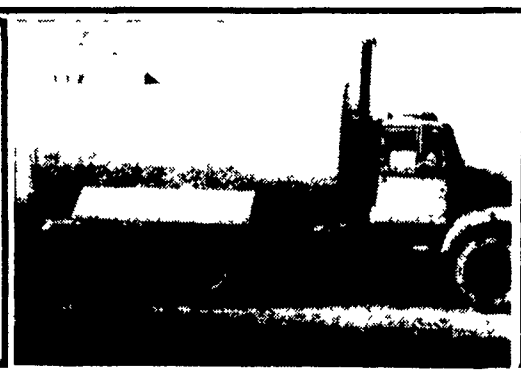
SLURRY BUGGY EQUIPMENT COMPANY
148 WEST METZLER ROAD RD#2
EPHRATA LANCASTER COUNTY PA 17522
PHONE (717) 859-1869

A Merry Christmas

From all of us in the Parts Department

HOOBER

C.B. HOOBER & SON, INC.
Intercourse, PA
(717) 768-8231



4000 Gallon Manure Slinger

Designed, built, proven on the farm, positive mechanical drive, complete ready to install.

$4,850.00

Phone (717) 328-3407

FARM MACHINERY SALE!

Call Now For These December Specials

Stock No.	Self Propelled Haybines	Dec. Sale Price
UB0142	NH 1495 (Diesel) Hydr Dr w/Cab & Air	$15,995 00
UB0090	NH 1495 (Gas) Planetary Dr w/Partial Cab	10,900 00
UB0128	NH 1495 (Gas) Planetary Dr w/Partial Cab	8,995 00
UB0083	NH 1469 (Ford Gas) 9' Cut w/Partial Cab	4,495 00
	JD 830 (Gas) 12' Cut No Cab	1,995 00
	Pull Type Haybines	
UB0034	NH 495 12' Haybine w/Lat Transport	3,995 00
UB0119	NH 495 12' Haybine w/Lat Transport (As Is)	2,295 00
UB0013	NH 489 9' Haybine (As Is)	2,495 00
UB0072	NH 489 9' Haybine (As Is)	2,295 00
UB0110	NH 489 9' Haybine (As Is)	2,995 00
UB0114	NH 479 9' Haybine	2,495 00
UB0134	NH 479 9' Haybine	2,495 00
UB0140	NH 479 9' Haybine (As Is)	1,895 00
UB0067	Hesston 1010 Hydro-Swing 10'	2,295 00
UB0035	Hesston PT 10 9' Haybine.	1,495 00
	Balers	
UB0118	NH 855 Round Baler w/Auto Wrap	8,495 00
UB0019	NH 320 Baler w/#70 Thrower	5,895.00
UB0131	NH 320 Baler w/#70 Thrower	5,495 00
	NH #70 Thrower (Fits 320 Baler)	1,295 00
UB0139	NH 276 Baler w/#58 Thrower (As Is)	2,695 00
UB0127	NH 282 Baler w/#62 Thrower (As Is)	1,995 00
	Rakes	
UB0141	NH 256 SOLD w/Dolly Wheels	1,395 00
UB0133	IH 35 Rake	1,095 00
UB0132	Vicon 3 Pt 4 Whl Rake	395 00
	Uni Equipment	
UA0019	709 Uni Tractor w/Rear Whl Assist & Wgt	17,900 00
UA0053	705 Uni Tractor w/767 Super Chopper, 766 Hay Pickup & 763 3 Row Head	11,900 00
UA0012	760 Uni Harvester (As Is)	395 00
	2- 766 Uni Hay Pickup (As Is)	495 00
	2- 762 Uni 2 Row Head (38") As Is	595 00
UB0055	741 Feeder House (As Is)	1,195 00
	Pull Type Harvester & Heads	
UB0092	NH 892 Harvester w/New Knives	5,995 00
UA0063	NH 770 Harvester	2,295 00
UB0143	NH S717 Harvester	1,295 00
UB0120	IH 830 Harvester w/Hay Pickup & 2 Row Head (30") As Is	2,495 00
UB0136	IH 830 Harvester w/Hay Pickup & 2 Row Head 30"- Also Has New Knives to be Put In (As Is)	2,495 00
UB0048	NH 717 Harvester (As Is)	295 00
UB0093	NH 880W Hay Pickup Head	995 00
UB0059	NH 880 N 2 2 Row Corn Head (30")	1,195 00
UA0040	NH 880 R 2 2 Row Corn Head (38")	795 00
UA0064	NH 717 W Hay Pickup Head	695 00
UA0065	NH 717 R 2 2 Row Corn Head (38")	695 00
UB0144	NH 717 R-2 2 Row Corn Head (38")	695 00
UB0135A	JD 2 Row Corn Head (30")	995 00
UB0135D	JD Hay Pickup Head	995 00
UB0135C	JD 1 Row Corn Head	295 00
UA0030	NH 741 1 Row Corn Head	295 00
	Misc.	
UA0026	Bear Cat 11' Packer	495 00
UA0050	IH 56 4 Row Corn Planter (38")	1,295 00
UA0052	IH 55 4 Row Corn Planter (38")	1,195 00
UA0059	MH 35 Combine	795 00
UA0067	Farmec Gravity Bin w/Gear	395 00
UB0106	M&W 12' Field Cultivator	1,295 00
UC0043	NH L445 Skid Loader w/Bucket & Rebuilt Engine (30 HP)	7,495 00
	IH 2A Hay Conditioner	100 00
UC0044	NI 213 Manure Spreader w/ 3 Beater, Reconditioned	1,895 00
UC0039	NI 213 Manure Spreader w/Single Beater w/ Hyd Endgate	1,595 00
UC0029	NH 516 Manure Spreader w/3 Beater	400 00

SHARTLESVILLE FARM SERVICE

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Phone (215) 488-1025

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Savings to 50% & More

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PARTS DISMANTLED CLEANED & READY FOR SHIPMENT

WE SHIP UPS, TRUCK, BUS

FOR THOSE HARD-TO-FIND & DISCONTINUED ITEMS

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From The Staff And Management of

Cooper Ent., Inc.

Cecilton, MD

TRIPLE H EQUIPMENT

Peach Bottom, Pa.
717-548-3775 or 717-548-2094

Vermeer

(2) 605 J Auto Weave Balers (New)
(1) 605 E Baler (Used)
(1) 605 D Baler (Used)
(2) 107 No-Til Drills (New)
(1) R23 Twin Rake, Hydraulic
(1) R8A Single Rake, Hydraulic
Vermeer 504 Super G, Heavy Duty

VICON NEW VICON EQUIPMENT

(2) KM 321 Mower Conditioners, 10' 6"
(1) KM 281 Mower Conditioner, 9' 5"
(3) KM 241 Mower Conditioners, 7'10"
(1) OM 281 Mower Conditioner
(1) OM 241 Mower Conditioner
(2) RC 330 Tedder Rakes
(1) RS 310 Tedder
(1) RS 510 Tedder, 3 Pt. Hitch
(1) RS 610 Pull Type Tedder
(3) TS 1002 Seeder Spreaders
(3) LS 200M Sprayer, 21' Booms
(4) LS 400M Sprayer, 28' Booms
(1) LS 870M Sprayer
(1) LS 1410T Sprayer
(1) LS 1910T Sprayer
(1) LS 1410T Sprayer, Truck Mount

NEW H&S EQUIPMENT

(1) Super 7+4 Forage Box, Tandem Axles
(1) 8x18 Self Unload Bale Rack

USED EQUIPMENT

AC Forage Box
Self Propelled Solo Mist Blower, 25 Gallon
Speed King Auger, 6"x36 ft., PTO Drive, Ex. Cond.

Serve A Balanced Ration

with the FARMASTER

Self-Propelled Mixer

Mix **TMR**, Grain Rations or Vitamin and Mineral Supplements Thoroughly and Efficiently!

Features: •All **Stainless Steel Mixing Drum**
•Hydrostatic Drive •7 HP Honda Engine
•Electronic Scale •Hardware Magnet

FARMASTER

Call For On-Farm Demonstration

ZIMMERMAN'S FARM SERVICE

Bethel, Pa. 717-933-4114

USED EQUIPMENT

TRACTORS & SKID STEER LOADERS

JD 2640	Case 580 C Loader
Case 2090 Cab	IH 4130 Skid Steer
Case 2290 Cab	Case 1740 Uniloader
IH 1066 Cab	Bush Hog 3400 Loader

MISC. EQUIPMENT

763 Row Crop	5' 3 Pt. Rototiller
838 Uni Husker	JD-AC-IH Corn Planters
Bush Hog 10' Mower	IH Grain Drill
Gehl 1580 Blower	NH 8 Forage Box
Mechanical Trans-planter	OMC 217 Mower Conditioner
IH 241 Round Baler	3 Pt. Log Splitter
Gehl CB600 Harvester	Gehl HA900 Hay Head

MANURE SPREADERS

NI 224 NI 214 NH 675

NH 790 Badger 1500 Gal. Tank

WAIVER OF INTEREST ON USED TRACTORS UNTIL JUNE 1, 1987

SEASON SPECIALS

New N.I. 272 Cut-ditioner, 7 Ft. Cut, Ideal for Corn Stalks **$4,900**

Gehl Bale Handler **$1,700**

N.I. 484 Round Baler **$8,300**

A.L. HERR & BRO.

PARK AVE., QUARRYVILLE, PA. 17566
PHONE: 717-786-3521

BUSH-HOG · NEW IDEA · GEHL (Gets into your system) · case · HEDLUND MARTIN

COMBINES

JD 7720 4WD, 2400 Hrs. 216 Flex Cutter Bar, 643 C.H.
JD 7720 w/4WD, 1,830 Hrs. w/JD 220 flex cutter bar, and JD 843 corn head
JD 7700, 15' Platform 1971
JD 7700 Gear Drive, Rotary Screen, 15' Cutterbar, 1975
JD 6600, Gear Drive, 14' Cutter Bar

TRACTORS

'78 JD 2440, 940 hrs., excellent condition
'74 IH 1066
'71 JD 4620, Cab, Dual, 20.8 Tires
'73 JD 4430, Cab & Air, QR Dual 18.4x38
IH 184 Low Boy w/60" Woods Mower

TILLAGE

15' Ford disc harrow w/dual whls.
JD F145, 4 btm. semi plow
Ford 4 btm. 16" mounted plow

PLANTING EQUIPMENT

JD 7000 Front Fold No-Till Coulters, Liq. Fert.

MISCELLANEOUS

Farm Hand XG-50 tub grinder, excellent condition, 2 yrs. old, all updates installed, $16,000
JD 35 Harvester w/2 RW Head
JD Rotary Hoe 3 Pth.
Century Recycling Sprayer
Hesston Round Baler 5600
JD 336 Baler
IH 3 pt. hitch sickle bar mower

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TRACTORS

AC 7030	AC 7010D	AC XT190D	IH 806
AC 7060	AC 200	AC 180D	JD 2010
AC 7040D	AC 210	AC D19D	MF 65G
AC 7045D	Oliver Super 77	AC D14	Case 1490
AC 7050D	AC 7000D	AC 5050D	JD 450 Crawler
AC 7020D		AC 5040D	Oliver 1650D

Used Hay Wagons | **New Field Cultivators** Model 1200, 10½ to 16½ Ft. From $1,100 to $2,500 | **Used Gehl Mower Conditioner**

USED COMBINES (LIKE NEW)
A C Models G C-N-L-F
These Combines are in Excellent Condition

NI 708 UNI-SYSTEM, HYDRO DRIVE w/717 COMBINE, CORNHEAD & GRAINHEAD

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Manure Spreaders

Tag #			
1429 Starline RH Tank Spreader	$195	1902 NI 213 217 Manure Spreader	$995
1529 NH 510 Manure Spreader	$695	1435 NI 213 217 w/Hydraulic Gate Manure Spreader	995
1447 NH 512 w/Top Beater Manure Spreader	$1,395	1892 NI 218 Tandem Manure Spreader, new web	$1,750
1414 NH 520 Manure Spreader w/Top Beater like new	$3,450	1843 Hesston 1400 gal Self Loading Spreader	$1,295
		1100 NI 214 216 Flail Manure Spreader	$1,190

Tractors

1418 Ford 9N w/Hydraulic Loader	2,150	1406 Hesston 566 w/2240 Bush Hog Loader	Special Price
1433 Ford 3000 Tractor	$4,350	1445 Farmall Super C w/ Attachments	$1,950

Forage & Hay Equipment

1554 Gehl FB1580, 1000 RPM Forage Blower, like new	$2,595	1830 IH 830 Forage Harvester 2 Heads, New Knives, Elec Controls	$3,950
1899 JD 6000 Forage Blower	$795	1485 Hesston PT10, 9' Windrower	$1,950
1715 Gehl FB88 Forage Blower	$650	1478 NH 479, 9' Windrower	$2,695
1648 Dion 60" Forage Blower	$550	1479 NI 272 7' Cutditioner	$1,150
1851 Gehl CB800 Forage Harvester w/Hay PU, new Knives Elec Controls	$3,950	1415 Ford 501, 3 pt Sickle Bar Mower, like new	$895

Tillage

1401 JD 5 Bottom 18 Semi Mount Plow	$1,495	Saver New Blades	$4,250
1404 IH 700 5 Bottom Automatic Reset Plow	$1,695	1457 Pittsburgh 3 pt 8 Disk Harrow	$295
1897 Glencoe 9 Shank Soil		1408 Ford 3 pt 7 Disk Harrow	$350
		1409 Chatanooga 11 Packer	$795

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Bervac 8' 3 pt Snow Blower, 100HP plus Gear Box (Demo)
Call for Snow Flake Discount
Myers Snow Blade w/Mount Kit, as is, $250
Myers Snow Blade, $195

Tag #
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1431 Wic 7HP Straw Chopper, $950
1454 Wic 7HP Straw Chopper, $895
$100 OFF Until 12/31/86

Uni Toys, NI Manure Spreaders, MF and Hesston Toys Available

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New Equipment	List	Starting Price 3/10	Daily Reduction	Price Today 12/20
Soil Finisher Glencoe 12'9"	8,379 00	7,482 00	8 00	$5,554 00

Tag#	Used Equipment	Starting Price 3/10	Daily Reduction	Price Today 12/20
1881	Corn Planter White 5400 4RN w/liquid	$1,948 00	$ 2 00	$1,466 00
1602	Combine IH 403 w/3RN head & cab	7,890 00	10 00	5,480 00

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Plugston Implement Inc.

Chambersburg, PA 17201

USED JOHN DEERE

JD 4440 SG, PS
JD 4240, PS, 4 Post, Returned off of Lease
JD 4230 QR
JD 2640
JD 3010 Tractor
JD 2510
JD 2030 w/Loader
JD 300 Husker w/2 Heads
JD 6RN 7000 Planter w/Fill Auger & No-till
JD 6RN 7000 Planter w/Liq. Fert. & No-till
JD 2RN & 2 RW C.H.
JD 1209 Mower Conditioner
JD 14T Baler
JD 336 Baler
JD Transport Disc
JD 216 Fg. Wagon
JD 66 Blower
JD Drill

USED NEW HOLLAND

NH Super 68 Baler w/Thrower
NH 273 Baler w/Thrower
NH 2R Snapper Head for Fg. Harv.
NH 23 & 26 Blower
NH 329 & 518 Spreaders
NH 890 w/3RN & Pickup
NH 880 w/2RN
NH 1469 SP Haybine
NH 1495 Gas SP Haybine
NH 1495 Dsl. SP Haybine

(2) NH 489 Haybines
NH 495 Haybine

THIS WEEK'S SPECIAL
JD 2940 w/MFWD & 260 Loader
Price Reduced

USED TRACTORS

MF 175

OTHER USED ITEMS

Case 1845 Dsl. Skid Loader
Gehl 1600 Round Baler
Ford 4B Reset Plow
Ford 3B Trip Back Plow
NI 208, 213 & 214 Manure Spreaders
White 5400 6RN w/no-till
IH 800 Cyclo 4R No-till Planter
IH 440 Baler w/Thrower
Fox 3000 Harvester
Fox 6½' PU Head
NH 450 7' Mower
Dion Forage Wagon
NI 4R Double Frame No-till Corn Planter
Field Sprayers: 500 gal. Century; 200 gal.; 150 gal.
Gehl 2500 Skid Loader
Gehl Pivot Tongue Mower Conditioner
Hesston 1014 & 1090 Mower Conditioners

NEW JOHN DEERE EQUIP.

Tractors:
4250 SG, PS
3150 MFWD, SG
2750
2550

Compact Utility Tractors: 650, 750, 755, 855, 1050

Combine: 4425 w/Heads

Balers: 327, 337, 347, 330, 430

Forage Harvesters:
5730 w/Iron Guard
3950 w/Iron Guard
3950

Spreader: 780

Forage Wagon: 716A

NEW NEW HOLLAND EQUIP.

Balers: 311, 326, 853

Blowers: 28

Haybines: 411, 489, 499

Forage Harvester: 790

Spreaders: 302, 520, 680, 514

Skid Loader: 455

NEW BOBCAT LOADERS

Farm Boy 642B, 743

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- V456D 65.9 HP $2900
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- EY 25W 6.5 HP $210
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NEW EQUIPMENT

1494 w/cab & PS
234, 2WD
244, 2WD
385, w/ROPS
475 disc, 17'5"
370 disc, 11'6"
800 Cyclo planters, 4R
IH 4500 Vibra Shank
IH 5100 Grain Drill, 20x6
IH 4600 Vibra Shank

USED EQUIPMENT

IH 490 Folding Disc, 24' Well Maintained
MF Model 540 Combine w/Hds. Used 2 Yrs Exc. Condition
Int. #16 Forage Harv. w/1R Hd Nice

154 LoBoy w/Mower
IH 45 Baler
Case 230 Baler
IH 384
IH 1456 w/cab
IH 1256 Tractor
500 Crawler R/C
666 Farmall G, WFE
Farmall H
Farmall C
Farmall SC w/Cults.
NH 555 Skid Loader
Haines bulk bodies
Massey Harris drill 16x7
Potato planters
1R Potato Digger
JD 4400 combine w/grain head & corn head
#475 Disk 17' 5" 22" Notch Discs Used One Season
IH 710 3 Btm. Auto. Trip Plow, excel. cond.
IH forage blower
Holland transplanter
IH 4 btm. semi-mtd. plow
Haines Stone Pickers
(2) IH 234 Corn Pickers
IH 1150 Grinder-Mixer
IH 456 Corn Planters
IH 400 Cyclo Planter
JD Plateless Planter

case IH

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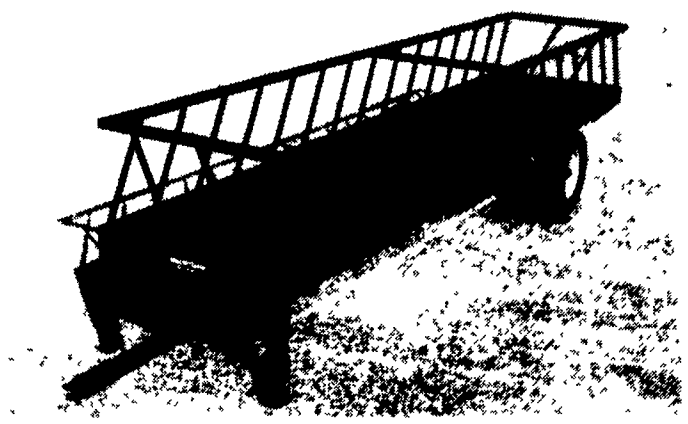

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USED EQUIPMENT

TRACTORS

IH 1466 w/Cab & Duals
IH 806 Gas, needs work
IH 784
IH 706
IH 560 G
IH 460 Utility Gas
IH 674 D
IH 656 D
IH 560 D
IH B414 D
IH BN
IH H
IH M
MH 44 w/Corn Picker, very nice
(2) MF 1105
MF 2675
MF 1080
JD 4010 D
JD 4620
Case 1070
Oliver 770 D
(2) Cub
Ford 901 w/2R Picker
Ford Jubilee
Farmall A
Case 730 Dsl., 3 pt.
David Brown 990 w/Loader
Farmall Super M

BLOWERS

Sprme 56 | Fox Table, PTO
IH 56 | Gehl 99
Dion #14 | Badger 54
Dion 60 | Badger 98
NH 30

CORN PICKERS

NI 324, 2RW | NI #10, 1R
NI 323, 1R | NI 300, 2R
NI 314, Sheller Attachment

GRINDER MIXERS

OMC 117 NH 357

COMBINES

IH 1460 | IH 82 Pull
IH 1440 | IH 303
IH 863, 6RN | IH 203
IH 844, 4RW | Case 600
IH 810-13 | IH 1460
IH 820-16 | IH 963, 6RN
IH 227, 2RN C.H
IH 715
MF 82, very nice
MF 4RN & 4RW Corn Heads
JD 55 w/Cab, Sq. Back
JD 45 w/Cab, 10' Platform, 2R Corn Head
JD 334, 3RN Corn Head
JD 12' Platforms

HARROWS

IH 475, 12'
IH 401, 12'
IH 370 12' Disk
BH 10' | JD KBA 8'
JD 12' BWF | IH 9A 9'
IH 37, 8' | 9' Packer
IH 47, 13'
Niemeyer 3 pt 8' Power Harrow
Brillion 12 Field Cultivator
Miller 8 Disk

FLAIL CHOPPERS

Gehl 7200 | Brady 722
Gehl 72 | Brady 121
IH 5 Brady BP 80"
IH #8

MOWERS

IH 222
IH 100
NH 450
Woods 48" for MF 205
Bush Hog 60' 3 pt.

GRAIN DRILLS

IH 10, 16x7
IH 13x7, Steel Whls.
Tye 80 No-till
JD FB 13x7
JD 15x7
IH 13x7 Steel Wheel
Oliver 13x7

HARVESTERS

IH 830
IH 555
Gehl 600
Gehl 300 w/2RN
Papec 180
Fox 1000
Fox 2000
JD 2RW C.H.
JD 3800 Fg. w/2R C.H.
Fox 3000
Fox 546
Fox FA
2RW Corn Head
2RN Corn Head
Cutter Bar

PLOWS

IH 311 3x14
IH 55 Chisel Plow
IH 55, 10' Pull Chisel Plow
JD 345, 4x16
IH 550, 5x16
Ford 4x16
MF 3 pt. Chisel Plow
MF 880 5x16 Auto.
White 508 Plow, 4x16
BH 3 pt. 52" Tiller
IH 710, 3x16
AC 4x16

SKID LOADERS

Case 1830, very nice
OMC 440
IH 4130, 850 hrs

MANURE SPREADERS

NI 212 | NI 354
NI 213 | NH 518
NI 214 | IH 550
NI 218 | Star 930
NI 224
Better Bilt 2600 Gal. Liq. Manure Tank
Hesston 1510, 1500 gal. Liq. Tank
Clay 800 gal. Vacuum Tank
MF Manure Spreader
NH 676 | Hawk Bilt 207
NH 676 S | HB 257
NH 790 | HB 357

LOADERS

NI 506
IH 2050A
KW for IH 284

WAGONS

Gehl 920, 16'
Gehl 910 Fg. Box
Gehl 710
Gehl 610, 14'
Grove 16'
Grove Rear Unloading Bale/Forage
Couhoun 620, 16'
IH 110
Turnco Gravity Box
Bale Wagons
JD 122

MISCELLANEOUS

Winpower 15-25 Alternator
Winpower 12T-2 Alternator
NI 109, 3 pt. Fert Spreader
IH 6' Blade
Ber-vac 51" 3 pt Snow Blower
Caldwell 10' Blade
NI 36' Elevator
Mayrath 6" Transport Auger
Pequea Hay Tedder

To Our Loyal Friends, Both Old & New Our Best Wishes For A Merry Christmas & A Happy New Year

NI UNI EQUIP

NI 838 Husking Bed
NI 841 Feeding House
702 D, ex. | 735, 3RN
760 Fg. Harv. | 702 D
761 Hay PU | 729 A Shel
767 Har. | 727 Husk.
713 S Platform | 766 PU
717 Combine | 720, 2RW
710 Com. | 730, 4RW
844, 4RW | 725, 3RN
NI 768, 3RW/N Corn Head

WINDROWERS

IH 1190
IH 990
IH 225
NI 290
AC 904
NH 1469 SP
NI 272, 7' Cutditioner
OMC 229
Gehl 108
Gehl 440
NI 270 Cutditioner
Hesston 1214 Swing Tongue

COMING IN...

Case 1830 Skid Loader
Case 1816B Skid Loader
OMC 345 Skid Loader
Gehl 920 Wagon, very nice
IH 544 U. Tractor
NI 213 Spreader
NI 214 Spreader
Farmhand Flail Spreader
Walsh 165 gal. 3 pt Sprayer
Wic 7HP Bale Chopper
Fox 546 Harvester w/2R Corn Head
JD 34 Forage Harvester w/1R Corn Head

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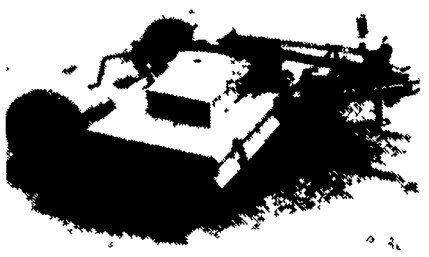
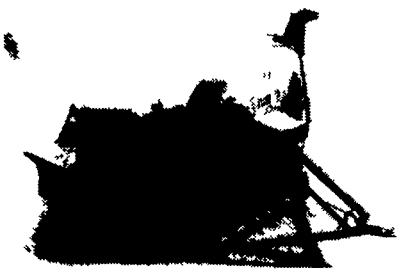
MISCELLANEOUS EQUIPMENT

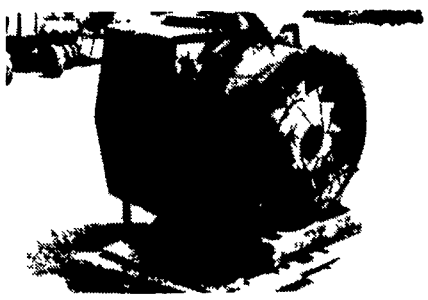


New Woods Model C-114 Mower 9'6" Cut, Twin Blade (R9386)

John Blue Anhydrous Tool Bar - 5 Knife, 38" (V9919)



IH 56 Blower, 540 PTO (U1756)



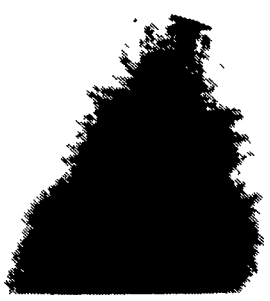
FMC, Model 1229 Airblast Sprayer, 540 RPM PTO (V1842)

Hedlund-Martin "Equalizer" Manure Loader (V1678)

IH 540 Manure Spreader, 160 Bushel, Hydraulic Endgate, 8.25x20 Tires (V9769)

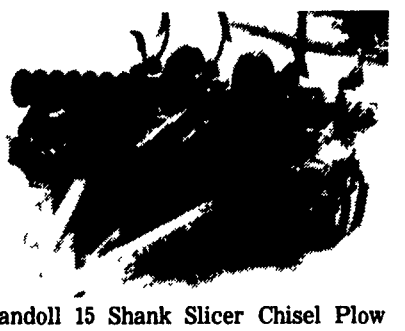
Brillion 12' Cultimulcher

Bush Hog Rotary Mower, 12' (U2039)



John Deere 7' Cycle Bar Mower, Belt Drive (U2040)

New Idea 279 Cutditioner 9' (2090)



Landoll 15 Shank Slicer Chisel Plow (T1960)

USED TRACTORS

IH F706 w/Fast Hitch, Gear, TA, 540-1000 PTO, 16.9x38 Tires (W1736)
Versatile 160 4WD w/ Loader, Diesel, Hydro, AC, 540 PTO (W1364)
IH 966 Diesel, Gear, TA 18.4x38 Tires, 1000 & 540 PTO (W1439)
IH 4140 Gas Skid Loader w/60" Bucket (W1562)
IH F460 Diesel Gear, 2 Point Hitch, 15.5x38 Tires, 540 RPM PTO (W1446)
New Holland L778 Skid Loader, Hydrostatic, Gas (W9768)
Case 1537 Uniloader
IH 1206 Diesel, Hydro, Cab w/AC, 540-1000 PTO, 28.1x34 Tires (W1670)
IH F1066D Hydro, 20.8x38 8 Ply Tires, Dual PTO (W1045)
IH F1066D, 18.4x38 8P, Dual PTO, Gear (W1316)
IH F1066, Diesel, Gear, 540 & 1000 PTO, 20.8x38 Tires (W1715)
IH 6388 2+2, 4WD, Diesel, Gear, AC, 540 & 1000 PTO, 4 Hyd. Outlets, 18.4x38 Duals (W1681)
Steiger Turbo Tiger Gear, AC, 3 pt. Quick 30.5Lx32 Tires (W1372)
Steiger Cougar II Gear, 3 Pt. Quick, AC, 30.5Lx32 Tires (W1273)
Case 1845 Uniloader, 72" Mat. Bucket & Fork (W2153)

USED TILLAGE

Krause 3124 Landsman
White 252 10' Disc
Bush Hog 12' Disc, 9" Spacing
Deere 110 Disc, 10'9" Spacing (T8034)
Athens 131 Flex-Frame Disc, 14', 9½" Spacing (T1556)
IH 470 18' Disc, Rear Mulchers, Tandem, Spacing 9" Frt. 7½" Rr., Size 16½" Frt. 17½ Rr., Cyl. & Hoses (T1699)
JD 111 Disc, 10', 9" Spacing (T1602)
Athens 83 10' Disc, Size 19" Frt. 21" Rr., Cyl. & Hoses (T1604)

HANDYMAN'S SPECIAL
IH 544D Hydro w/2000 Loader - *Cheap*

Rhino FB90 Disc 24', Size 20" Frt. 21" Rr., 9" Spacing (T1714)
IH 501 14' Disc, Tandem, 10½" Spacing, Front 19", REar 22" (T1824)
IH 14 Subsoiler, Auto. Reset, Coulters, Gauge Wheels, Like New (T1514)
Colby 12' Disc, Front Notched Blades (T1769)
JD 330 Disk, 20' Flex Wing, Tandem, Spacing 11" Front & Rear (T1950)
Landoll Soil Saver, 15 Shank (T1960)
JD E1700 Tiller Chisel, 9 Shank, 22" Blades, Spike Drag (T2091)

USED COMBINES

IH 205, Gas, Cab, 12" Header, 227 Cornhead (U1132)
IH 715 Diesel, Gear, Cab, 23.1x26 Tires (U1849)
Deere 4400 w/Straw Chopper, Hydro, AC, Diesel, 18.4x26 Tires (U9806)
Gleaner "G", Diesel, Cab, Gear (U1369)
IH 815D Hydro, A.C., 23.1x26 Tires (U1844)
JD 7700 w/Straw Chopper, 24.5x32 Tires, Gear w/Variable Speed (U1361)
MF 510 AC, Grain Saver, 18.4x26 Tires (U1995)
MF 510, AC, 18.4x36 Tires (U1992)
IH 715 w/Straw Chopper, Diesel, Hydro, AC, 23.1x26 Tires, 1100 Hrs. (U1961)
IH 1460 Hydro, AC, 28x26 Tires (U2060)
IH 1480 4 WD, Hydro, AC, 34x30 Tires (U2034)
JD 6620 Side Hill w/DJ Monitor, Hydro, AC, 28Lx26 Tires, 1228 Hrs. (U2121)

USED GRAIN DRILLS

Great Plains 12' Drill w/Pull Hitch (V1570)
IH 620 Grain Press Drill, 21 Openers, 7" Spacing, (Ideal for Soybeans & Alfalfa) (V9302)
Haybuster 1206 No-Til, 12', 6" Spacing, Fertilizer (V1462)
Deere 8300 Grain Drill, 16 Double-Disc Openers, 10" Spacing, Press Wheels (U9922)

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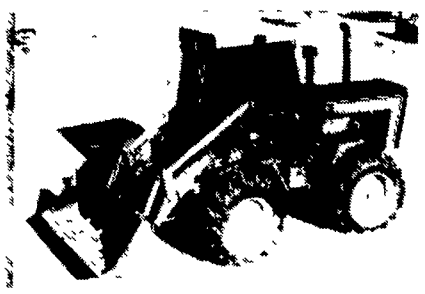
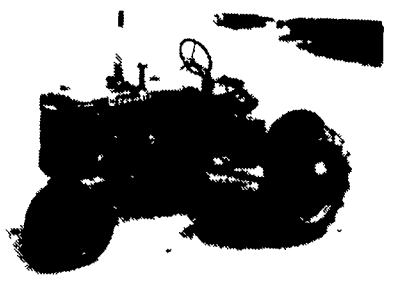
YEAR-END INVENTORY PRICES

TRACTORS

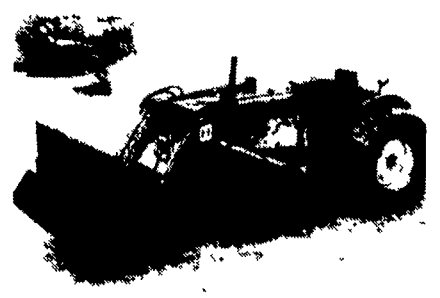


Versatile 160 4 WD, 100 HP Diesel Engine, Hydro Transmission, Loader, 3 Point Hitch, PTO (W1364)

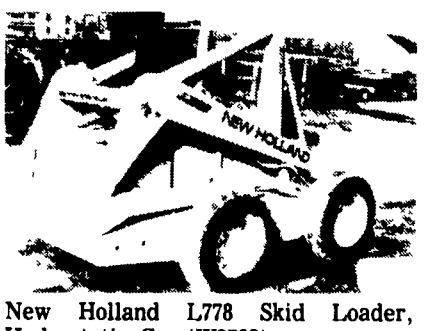
IH F1066D Hydro, 20.8x38 8 Ply Tires, Dual PTO (W1045)



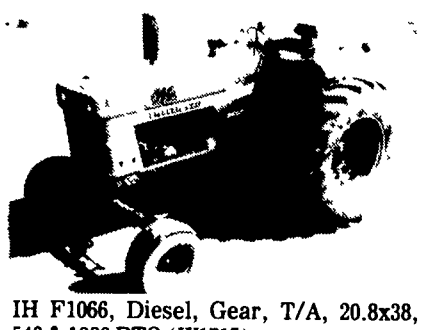
IH B Tractor, Gas, Gear, 9.5x24 Tires (W1750)



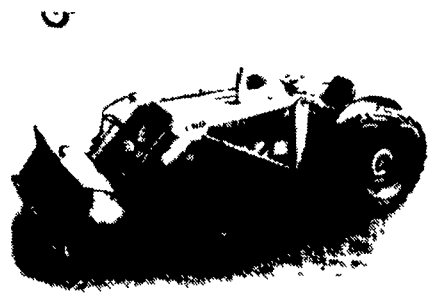
Handyman Special IH 544 Diesel, Hydro w/2000 Loader (2099)



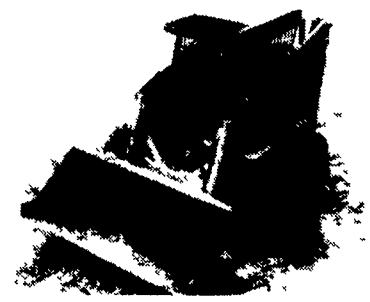
New Holland L778 Skid Loader, Hydrostatic, Gas (W9768)



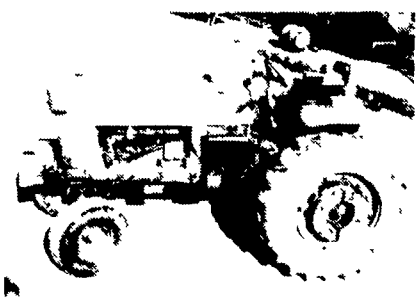
IH F1066, Diesel, Gear, T/A, 20.8x38, 540 & 1000 PTO (W1715)



Ford 3400 D Industrial Loader

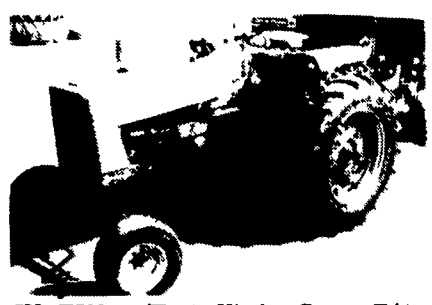


Case 1845 Diesel Uniloader, 72" Bucket 2340 Hours, Sharp (W2153)

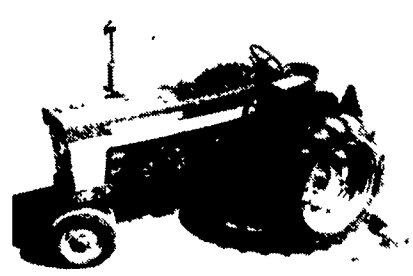


IH 966, Diesel, Gear, TA, 18.4x38 Tires, 1000 & 540 PTO (W1439)

IH 4140 Gas Skid Loader w/60" Bucket (W1562)



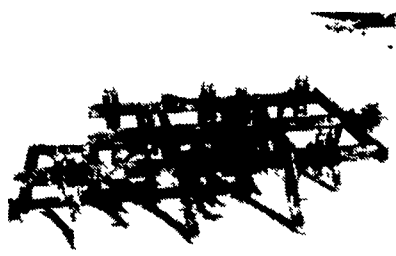
IH F706 w/Fast Hitch, Gear, T/A, Diesel, 540 & 1000 PTO, 16.9x38 Tires 90% (W1736)



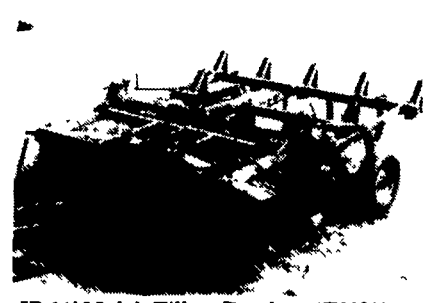
IH F460 Diesel Gear, 2 Point Hitch, 15.5x38 Tires, 540 RPM PTO (W1446)

PLOWS

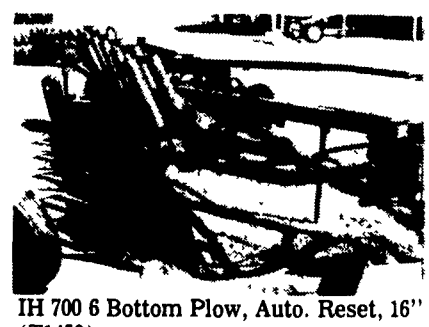
IH 55 Chisel, 11 Shank, Spring Trip, Depth Gauge Wheels (T9796)



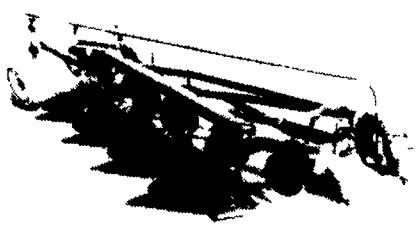
IH 55 Chisel, 3 Pt. 9 Shank (T1434)



JD 11' Mulch Tiller, Tandem (T2091)



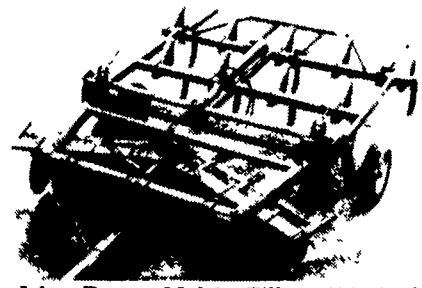
IH 700 6 Bottom Plow, Auto. Reset, 16" (T1459)



IH 540 Plow, 4F-16", Shifting Hitch, Semi-Mount (T1851)

White Model 548 Plow, 6F, 18", On-Land Hitch, Automatic Reset (9927)

Glenco Soil Saver, 9 Shank (2090)



John Deere Mulch Tiller Chisel, 9 Shank (2091)

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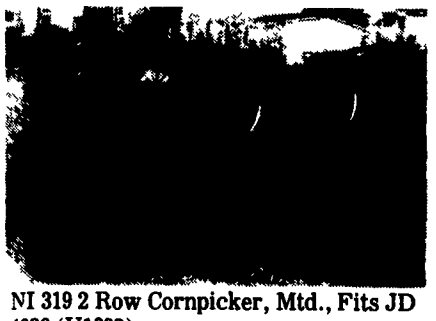
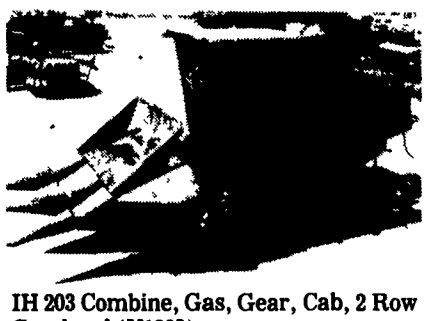
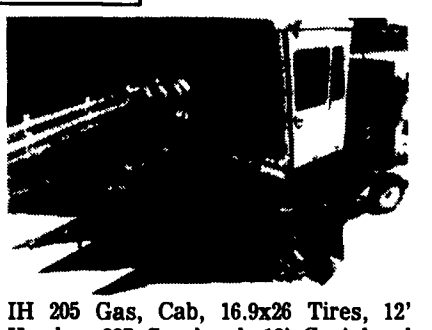


NI 319 2 Row Cornpicker, Mtd., Fits JD 4030 (U1832)

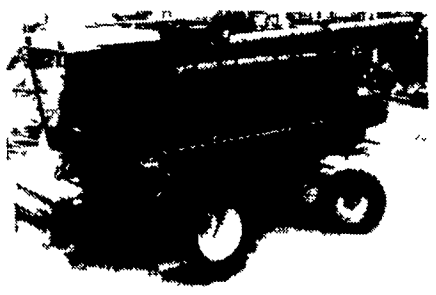


IH 203 Combine, Gas, Gear, Cab, 2 Row Cornhead (U1205)



IH 205 Gas, Cab, 16.9x26 Tires, 12' Header, 227 Cornhead, 12' Grainhead (U1132)

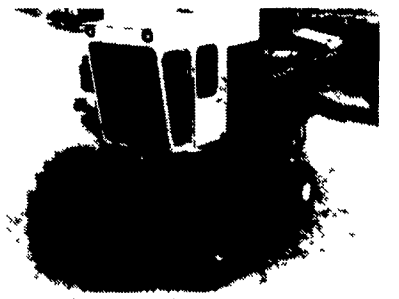
New Idea Uni-Harvester, Model 705 Tractor, Diesel Model 767 Super-Chopper, Model 768 Wide/Narrow, 3 Row Head (U1285)



IH 1480 AWD, Hydro, A/C, Flow Grip Tires (U2034)

MF 510 Diesel, Gear, A/C, Grainsaver, 18.4x26 Tires (U1995)

MF 510 Diesel, Gear, 18.4x26 Tires, AC (U1992)

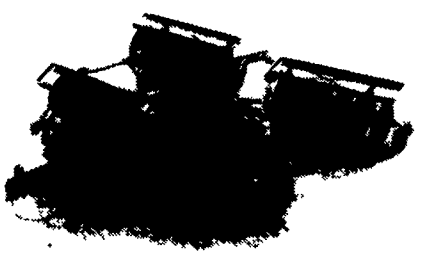


IH 715 Diesel, Hydro, 1976, 1100 Hrs., 23.1x26 Tires (U1961)

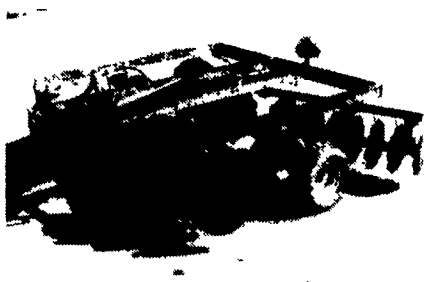
John Deere 6620 Sidehill, Diesel, Hydro, 1200 Hrs. (U2121)

IH 715 Diesel, Hydro, 1976, 23.1x26 Tires, 1224 Hrs. A/C (U2113)

DISC HARROWS

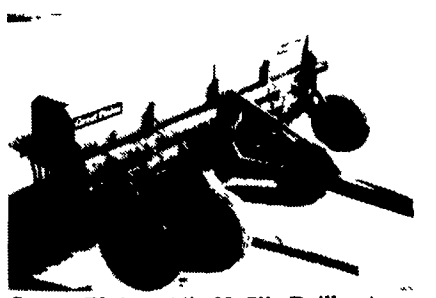


IH 7' 28 Blade Disc, 6½" Spc., Size 15" Frt. & 16" RR (T1676)



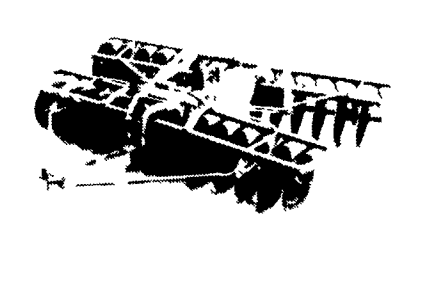
IH 501 14' Tandem Disc, Spcg. 10½" & 10" Size Frt. 19" & RR 22", Cyl. & Hoses (T1824)

PLANTERS & DRILLS

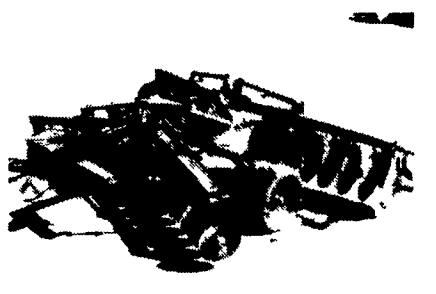


Great Plains 14' 23x7" Drill, Acre Meter, 3 pt. w/Pull Hitch, Depth Gauge Wheels, "V" Press Wheels (V1726)

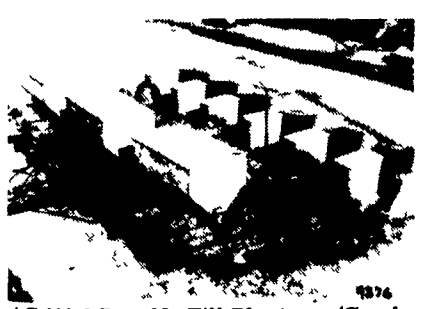
IH 800 Cyclo Planter, 6 Row, 30" Insecticide, Monitor (V2050)



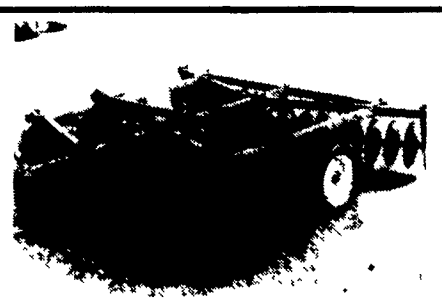
JD KBA 7' 28 Blade Disc, Spcg. 7" & 7", Size Frt. 17½" RR 19" (T1665)



Athens 131 Flex-Frame Disc, 14', 9½" Spacing (T1556)

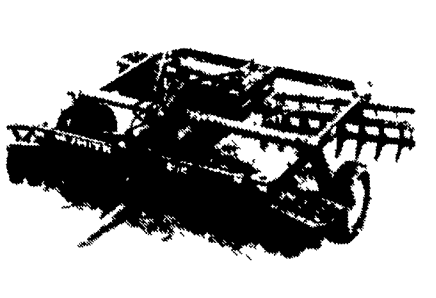


AC 600 6 Row No-Till Planter w/Gandy Appl., Cyl. & Hoses, Dry Fert., Monitor (V9376)



Colby 12' Disc, Front Blades Notch, Spcg. 7" Frt. & 7½" RR, Blades 17" Frt. 18" RR (T1769)

John Deere 330 Disc, 20' Flexwing Tandem, Blades - 25" Front, 22" Rear (T1950)



White 252 Disc, 10' (T2061)

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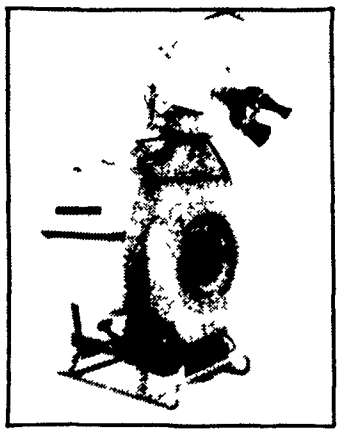

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4722 IH 4568
6490 AC 7000
6482 IH 1586
4783 IH 886
4558 Farmall H
6541 Case 630
6536 IH 5488

COMBINES

*6443 AC L2
*3058 JD 7700 w/Chopper
*6512 AC A
*3784 IH 1440
*3882 IH 915
*3983 IH 915

TILLAGE

6403 JD 210 Disc 13'
4524 Ford 142 Plow 5x16
6103 Sunflower HB Chisel Plow 27'
3841 IH 540 Plow
3799 IH 370 Disc 13'
6491 IH 14 Subsoiler
4659 Krause 4133 Field Cultivator
6325 Krause 1924 Disc 20'
4099 Krause 1966 Disc 31'
5054 Krause 2143 Disc 42'
5457 Krause 2413 Disc 23'
4667 JD 12 Shank Chisel Plow
5561 JD 210 Disc 13'
6545 IH 140 Rollover Plow 4x16
5419 JD 22 Shank Chisel Plow
5534 Glencoe Soil Finisher 20'
4773 Glencoe 12 ft. Soil Finisher
3301 Wilrich Field Cultivator, 37'
4092 Miller 20' Offset Disc
4587 Brillion 16' Field Cultivator
6494 Brillion 21' Crowfoot Packer

MISCELLANEOUS

6547 JD 15' Shredder
4537 JD 400 Gal Sprayer
6531 IH 1190 Mower Conditioner 9'
6334 Gehl 1500 Round Baler
6516 IH 40 Shredder
5487 NH 280 Baler
3561 NH 495 Haybine
3837 NI 245 Manure Spreader
3900 John Blue 1000 Gal. Sprayer
4613 IH 60 Shredder
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JD 4620 w/Yr. Round Cab, 28x38 Rubber, very nice
JD 4320 Dsl. Cab & Air
1982 JD 4240 SOLD Cab, Air, Quad, 1600 hrs.
JD 4230 Dsl., Cab, Air, Quad, 1500 hrs.
1977 JD 4030 Dsl. Cab, Air Quad, very good
JD 4020 Dsl., Side Console, WF
1968 JD 4020 Dsl., Cab, Dual Hydraulic
1972 JDSOLD20 Dsl., Side Console
JD 3020 Gas, Side Console, low hrs., very nice
JD 2940 Dsl., 1800 hrs., very good
JD 2510 Gas, WF, very good
JD 2940 Dsl., 700 hrs. w/148 loader, excellent
JD 2510 Gas 1600 original hrs.
1981 JD 2240 Dsl., Ind. PTO
JD 2440 Dsl., Independent PTO, Dual Hydraulic, very nice
JD 1520 Gas, Hi-Low, Ind. PTO, 38" Rubber
1980 IH 986 Dsl. Cab & Air, Digital Clock, Red Seat, very nice
1980 IH 886, Cab & Air, low hrs.
IH 1466 Dsl. w/Cab, Dual PTO and Hydraulic, extra clean
IH 1066 Dsl., Red Cab & Air, New TA
IH 966 Dsl. Fender Tractor, 1400 hrs., 18x38 Rubber, excellent
IH 766 Dsl. w/Roll Guard, very nice
IH 856 Dsl. w/Cab, extra nice
MF 1155 Dsl., Cab & Air
Ford 2110 Gas w/Blade and Flail Mower, 377 hrs.
Ford 5000 Dsl., 8SP, 2100 hrs.
AC 185 Dsl., like new
Kubota B6000 Dsl., 4 WD w/loader and 3 pt. rotary mower

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JD 7000, 4RW, Dry Fert., Insect., Planted 50 acres
JD 7000, 4RN, Dry Fert.

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JD 1219 Mower Conditioner, excellent
JD 1209 Mower Conditioner, Late Model
JD 346T Baler w/30 Ejector
JD 327 Baler w/#30 Ejector
JD 24T Baler w/Thrower, good condition
JD 337 w/30 Ejector
JD 410 Round Baler, very nice
NH 467 Haybine
NH 852 Round Baler, Auto Wrap, excellent
NH 850 Round Baler
NH 315 Baler w/Thrower
JD 640 Hay Rake
NH 56 Hay Rake
NH 1002 Bale Wagon
NH 1012 Bale Wagon, Single Bale Unload
JD 3800 Harvester w/2R Head, very good

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NH 38 Flail Chopper, excellent condition
1980 MF 750 Dsl., Cab & Air, hydro, 1400 hrs., very nice
Case 1860C Skid Steer Loader, like new
Bobcat 371, 14HP Skid Loader
MF 2705, Cab, Air, Hydro, 1400 hrs., very nice
MF 550 Dsl., Cab, Air, Hydro, 1300 hrs., 23" Rubber, Choice of Heads
JD 4240 Dsl., Cab, Air, 1900 hrs., nice

TILLAGE

JD 1100 Field Cutlivator, Hydraulic Fold, 20'
Brady 17' 3 pt. Hydraulic Fold Field Cultivator
JD 1710A 11 Tooth Conser-till
JD 950, 12' Roller Harrow, like new
IH 9 Tooth High Clearance 3 pt. Chisel Plow
IH 700, 4x18 Spring Reset Plow
IH 720, 4x18 Spring Reset Plow
IH 720, 5 Base Spring Reset
IH 710, 6x18 Spring Reset On Land Plow
IH 710, 4 & 5 Base Spring Reset 16 & 18"
JD 4 & 5 Base Semi Mounted
JD 3 Base 3 pt.
JD BWA 12'
JD 12' BWF Disk
JD AW 11' Disk

CORN HEADS

JD 244, 2RW
JD 343, 3RN Corn Head
JD 443, 4RN
JD 443, 4RN LP
JD 444, 4RW
JD 643, 6R 30
AC 438, 4RW
AC 430, 4RN
AC Black 430
IH 943, 4RN
IH 843, 4RN
IH 844, 4RW
MF 43, 4RN
MF 1163, 6RN

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JD 8250 Grain Drill, Fert., Grass Seed, 21 Single Disk Openers
JD FBB 17x7 single disk Grain Drill, Grass & Fert.
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NH 513 PTO 170 Bushel Manure Spreader
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JD RG & RM 4&6R Cultivator
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NH 354, $2,250

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JD 2640 Dsl 1600 hrs., DirectioSOLDverser w/146 Loader
JD 2630 Dsl., 2200 hrs., w/146 Loader and Direction Reverser
Gehl 2600 Skid Loader, 1100 hrs.
NH L445 Skid Loader w/Deutz Dsl Engine
Bobcat 610 Skid Loader w/Enclosure

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NI 325, 2RN w/12 Roll Bed, like new
NI 324, 2RW 8 Roll Husking Bed
NI 323, 1R

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MF 13' Grain Platform
IH 820 13' Flex Head
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235 Disk Harrow, 18'6", center fold, dura cush.
215 Disk Harrow, 12'10", dura cush.
215 Disk Harrow, 12'10", w/cushion gang att.
115 Disk Harrow, 11'5"
1000 Plow, 3-pt 2B14"
2800 Plow, Semi-mtd., 5B18" spring reset
970 Roller Harrow, 12'
940 "S" Tine Field Cult., 13' drawn
1010 Field Cult., 12½' integral
1010 Field Cult., 18½' drawn, horiz. fold

NEW MANURE HANDLING EQUIPMENT SPECIALS

JD 95 Rear Mtd. Blade, 9'
JD 115 Rear Mtd. Blade, 9'
JD Hyd. Loaders, 148, 245, 260
JD 465 Flail Spreader, R H Delivery
JD 450 Hyd Push Spreader w/endgate
NI 351 Spreader w/sngl. btr. & hyd endgate

JDFP Finance Terms-Approved Credit

WAIVER ON FARM TRACTORS
New John Deere Utility Sept 1 1987
New John Deere Row Crop- Sept 1 1987
Used Utility Jan 1, 1987
Used Row Crop- Jan 1, 1987
Extended Waiver Available On Used Tractors

WAIVER ON NEW JOHN DEERE & USED COMBINES
Grain Combines- June 1, 1987
Corn Combines- Sept 1, 1987

WAIVER ON NEW JOHN DEERE AND USED CORN PLANTERS
To April 1, 1987

Waiver on Hay Equipment
New John Deere July 1, 1987
Used May 1, 1987

Waiver on Forage Equipment
New John Deere Sept. 1, 1987
Used March 1, 1987

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A Good Selection Of Used JD & Foreign Makes Lawn/Garden Tractors, Mowers & Snow Removal Equipment.
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MOLDBOARD PLOWS

	Tag #	Sale Price
JD F125 4-16", 3 pt	#3777	$ 850
JD 2B, 3 pt	#3704	$ 195
White 348, 3-18" sp reset	#3657	$2195

CHISEL PLOWS

	Tag #	Sale Price
IHC 3-pt 9 cush stds	#3445	$1095
IHC 3-pt 7 rigid stds	#3209	$ 895

DISK HARROWS

	Tag #	Sale Price
JD 315 12' 10'	#3506	$5500
JD 3000 series 14'	#2563	$1995
Athens 131 tandem, 28 bl	#3299	$1595

GRAIN DRILLS

	Tag #	Sale Price
JD 8300 18x7, sdo, gsa	#2799	$2495
JD 8200 21x7 ddo, gsa	#3362	$3750
JD FB157B sdo, gsa	#3787	$ 695
JD FB 13x7, sdo gsa	#2683	$ 695

MISCELLANEOUS

	Tag #	Sale Price
JD 300 30 Ft Elevator	#3888	$1195
JD 307 3-pt rotary cutter	#3531	$ 295
JD P107 3-pt rotary cutter	#2372	$ 250
Friend 3-pt Sprayer 18'	#2813	$ 695
Walsh trailer sprayer	#3554	$ 495
JD 78 3-pt rear blade 7'	#3811	$ 450
JD 27 Flail Shredder, 4 whls	#2028	$2995
JD Hood for 125 chuck wagon	#3167	$ 85
Pr 18 4 34 8P GY tires		$ 175
Second R C valve for JD 3020 dash mtd		$ 390

COMPACT UTILITY TRACTORS & EQUIP.

	Tag #	Sale Price
JD 950 2WD w/423 fr blade 7'	#3871	$7500
JD 755 4WD, turf tires	#3836	$8295
JD 365 front blade (fits 650)	#2187	$ 895
IHC Cub Low Boy 154 w/mid mower	#3204	$2500
York RS 5' rake w/casters	#3849	$ 595
IMCO 5' rotary cutter 3 pt	#3571	$ 425

CORN PLANTERS

	Tag #	Sale Price
JD 7000 6R Cons, dry f, insect, mon	#3476	$8995
JD 7000 6R Cons, liq f, insect, mon	#3386	$8995
JD 7000 6R Cons, liq f insect, mon	#3429	$7995
JD 7000 6R Reg, dry f, insect	#3199	$6595
JD 7000 6R Reg, liq f, insect, mon	#3433	$5995
JD 7000 4R Cons, dry f, insect, mon	#3400	$8500
JD 1240 4R, dry f insect	#3251	$1895
JD 1240 4R, dry f, insect	#2355	$1595
JD 1240 4R, dry f, insect	#2849	$1195
JD 1240 4R, dry f, insect	#2543	$ 895
JD 494, 4R, dry f	#3619	$ 200
IHC 56, 4R	#3570	$ 200

USED CORN PICKERS

	Tag #	Sale Price
NI 324 2RW/329 Sheller	#2430	$3,995
NI 324 2RW w/8 roll Husk	#3823	$3,450

USED HAY EQUIPMENT

	Tag #	Sale Price
JD 346 Baler, 30 Ejector	#3100	$3,950
JD 346 Baler 30 Ejector	#3719	$5,295
JD 530 Round Baler	#3825	$8,150
JD 346 Baler, 30 Ejector	#3677	$5,295
JD 336 Baler, Wgn Hitch	#3684	$2,795
JD 336 Baler, 30 Ejector	#3244	$4,995
NH 270 Cut/Ditioner	#2965	$1,595
JD 12 14 Mower Cond	#1507	$ 995

USED COMBINES

	Tag #	Sale Price
JD 6620 SH Cab A H Stw Spdr w/215 Flex Plat w/643 SH Corn Head	#3315 #3317 #3319	$59,000
JD 4420 Cab A/H Stw Spdr w/213 Flex Plat	#2304 #2310	$25,000
JD 7700, Cab A/H, AHHC	#2721	$15,500
JD 6600, SH, Cab, A/H 643 SH Corn Head	#3753 #3754	$23,000
JD 6600, SH, Cab, A/H w/215 Flex Plat w/643 SH Corn Head	#2918 #2923 #2925	$27,900
JD 6600, Cab A/H, AHHC w/213 Flex Plat	#3166 #3193	$21,900
JD 213 Flex Platform	#3828	$4,450
MF 300, Cab A, w/13 ft Platform w/3R30 ' Corn Head	#2862 #2883 #3058	$6,500
NI 702D Uni, Cab w/710 Combine 13 Plat	#1343	$4,500
AC Gleaner F w/13 Plat w/430 Corn Head	#3686	$13,950

USED FORAGE HARVESTERS & EQUIPMENT

	Tag #	Sale Price
JD 5200 SP Cab w/3R 30" RC	#2855 #2861	$14,500
JD 5440 SP Cab Power Whl Dr w/3R 30 RC	#3771 #3774	$39,950
JD 5400 SP, Cab, Power wh dr	#2840	$29,500
JD 38 PT w/5½' Hay P-Up	#3288	$1,995
JD 3R 30" Row Crop	#3147	$1,995
JD 3R 30" Row Crop	#2312	$1,795
JD 3R 38" Row Crop	#3108	$995
JD 3R 38" Row Crop (SP)	#1431	$1,095
NH 890 PT Harvester w/3RN RC & 6 Ft Hay PU	#3819	$4,295
JD 716 Hi Side 3B Roof Reconditioned	#3755	$5,995
JD 716 Hi Side 3B Roof Reconditioned	#3756	$5,995
JD 216 Wagon Hi Side 3rd B Roof 1065 Gear	#3769	$2,350
Grove Wagon 2 Btr	#3796	$1,495
Badger Forage Wagon w/Roof Reconditioned	#3815	$5,500
Badger Forage Wagon w/Roof Reconditioned	#3816	$5,500
Badger Forage Wagon w/Roof Reconditioned	#3817	$5,500

USED MANURE HANDLING EQUIP.

	Tag #	Sale Price
NH 367 Tank Spreader	#2512	$1,495
IHC 575 w/Hyd End Gate	#3830	$3,950

USED FARM TRACTORS

	Tag #	Sale Price
JD 4050 Q R SGB	#3622	$27,500
JD 3010 Dsl S/R, ROM	#2997	$ 5,500
JD 2510 Gas, S/R ROM	#2257	$ 4,350
JD 2030 HU Dsl	#3262	$ 9,550
JD 40T w/Cult	#3457	$ 1,595
IHC 706 Dsl	#3451	$ 6,500
JD 4240 Q/R SGB	#3705	$16,500
JD 4630 S/R	#3712	$9,950
JD 4430 QR SGB	#3759	$18,500
JD 4030 S/R Dual RC	#3748	$12,500
JD 3020 Gas S/R	#3267	$5,000
JD 3020 Gas, S/R, WFE w/Allied Hyd Loader	#3654 #3655	$7,995
JD 3020 Dsl S/R WFE	#3765	$6,500
JD 3020 Gas, S/R	#3709	$5,995
JD 2020 RU Gas w/47 Hyd Loader	#3695 #3696	$6,995
JDA w/2 Row Cult	#3752	$1,195
JD B w/2 Row Cult	#3716	$1,195
Oliver 1650 Gas	$2595	$ 4,500
Ford 600 w/3 pt	#2464	$2,500
Farmall Super A w/Cult	#3431	$2,450
AC 8050 MFWD Cab P/S	#3789	$27,500
IHC 706 Dsl	#3451	$6,500
Deutz 6006 Dsl	#3863	$ 3,750

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NH 1033 bale wagon $4,500
NH 1032 bale wagon $4,200
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(2) NH 1049 self propelled bale wagons ..... $10,000 to $14,000
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NH 1069 gas or diesel bale wagon, Call For Price

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JOHN DEERE bobcat

BACKHOE LOADERS

JD 310A, 1979, Tag 1936 ..... $19,000

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JD 350B, Canopy, 6 Way Blade, New Undercarriage, Tag 5039 .. $15,500
JD 450, 6 Way Blade, No Rops, Tag 5108 ..... $15,000

SKID STEER LOADERS

Bobcat 610 60" Bucket, Floats, No Rops, Tag 5114 ..... $4,000
Bobcat 943 w/78" Bucket 219 Hrs., Tag 7179 ..... $27,500
Bobcat 975 w/84" Bucket 122 Hrs., Tag. 7256 .. $33,000

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- New Leon Loader w/Bucket $1,200
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- 135 Massey, Excellent $3,950
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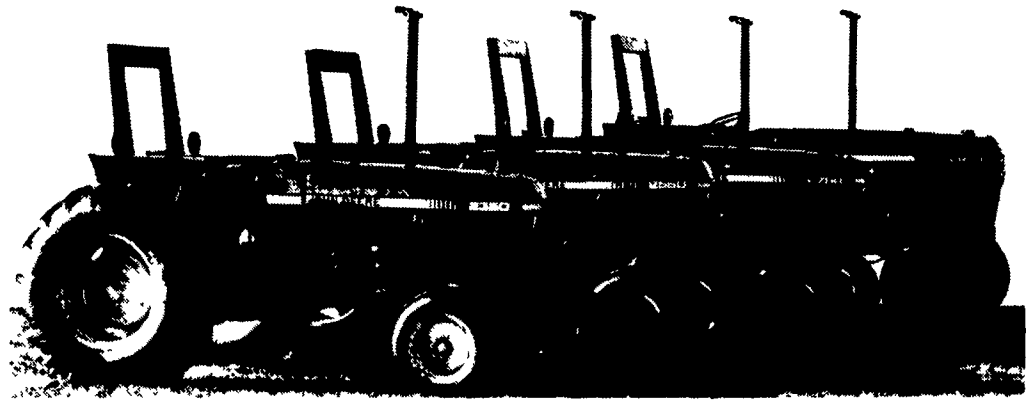
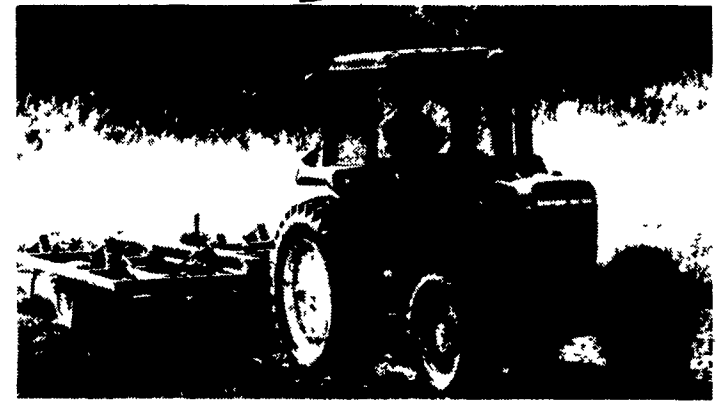
JOHN DEERE UTILITY TRACTORS

SAVE BIG and then some

JOHN DEERE ROW-CROP TRACTORS





If You Are Looking For A Great Deal On A 50 Series Tractor, Call Us - New Inventory Just Arrived - We Are Offering Great Deals And The Best Prices Ever!

TRACTORS IN STOCK — OTHER UNITS AVAILABLE — MORE COMING

JD 2150	JD 2550	JD 2750	JD 2950	JD 3150	JD 4050 2WD	JD 4050 2WD
2 WD, 45 HP, Loaded	2 WD, 65 HP, w/Most Popular Options	MFWD, 75 HP, Turbo-Great For Loader Tractor	2WD, Sound Gard Body, 85 HP	2WD, 4 Post Roll Gard, 95 HP	105 HP, Sound Gard Body, Quad Range - Special Low Price	105 HP, Sound Gard Body, Power Shift Transmission

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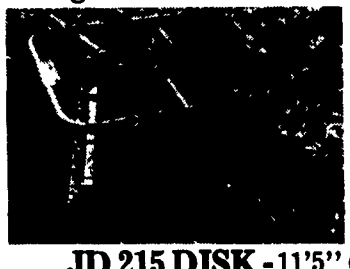
SAVE BIG and then some

John Deere has made us a deal that will save you a bunch. Big pass-along savings on John Deere implements are available to you right now. Come in and save big and then save more by waving finance charges. OR take a big discount in lieu of finance waiver*. You'll save even more if you buy a John Deere tractor at the same time... tractor finance waiver also applies to implement purchase.

200 SERIES DISKS

Up To 145 Lbs. Per Blade: Disk Residue In The Fall, Or Make Seedbeds In The Spring... You Get High Performance Disking At A Low Disk Price

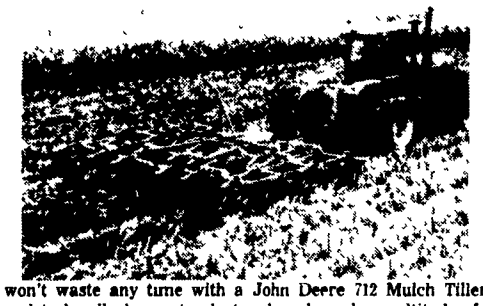


The 200 Series disks are our most versatile. You can work in one season to disk down stalks, and work in another to incorporate chemicals and make level seedbeds. This kind of versatility helps save you money.

JD 215 DISK - 11'5" Covers 12'10" Overall w/Rock Cushion Attachment

One Only **30% OFF**
SALE PRICE...$5,200

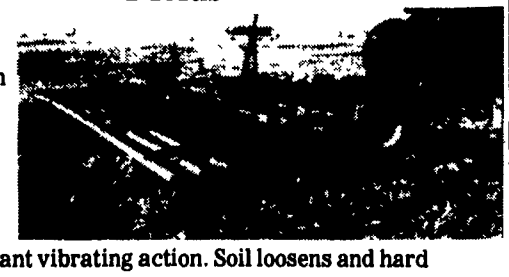
The 712 MULCH TILLER Gives You 32" Of Underframe Clearance For Smooth Trash Flow, Deep Tillage Action.



You won't waste any time with a John Deere 712 Mulch Tiller It's designed to handle heavy trash, tough soils and a multitude of other field conditions that could slow most tools You get smooth tillage results and can work as much as 11 inches deep Best of all, your soils are left in an erosion-resistant condition

MODEL 712 MULCH TILLER
11'3" - 9 Standards
IN STOCK - SPECIAL PRICE

Use The 940 S-Tine Field Cultivator To Shatter Hard Clods And Prepare A Level Seedbed In Low-Residue Fields



The 940 lets you cover big areas fast with operating speeds up to 8 mph. Heavy-duty S-tine shanks penetrate the soil with constant vibrating action. Soil loosens and hard clods explode.

MODEL 940 DRAWN 13 FT. S-TINE FIELD CULTIVATOR
25% OFF

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USED EQUIPMENT

USED TRACTORS

MM G-900
JD A w/cultivator
JD Model B w/Cultivators
Farmall 656 Hydro
Case 1270
Ford 9N
IH 444, Gas
IH 684, Nice
IH 1066 w/Cab

USED EQUIPMENT

Int. 710 5 F Auto. Reset Plow
Int. 720 6F Plow
Int. #56 Blower
Int. 440 Baler w/Thrower
900 Badger Blower
IH 510 16x7 Comb. Grain Drill
13' 3 Pt. Chisel Plow
JD 214 Forage Box

NEW GEHL EQUIPMENT

960 Forage Box w/roof
1540 Forage Blower

USED COMBINES

Int. 1440 Combine
Int. 715 Diesel w/4 row narrow head, nice
MF 750 w/grain head
Int. 715, late model

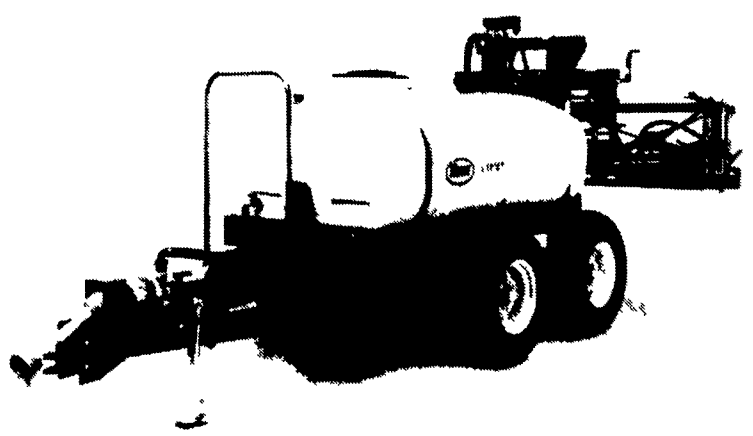
Holiday Greetings

New!

From Vicon And

Call For Details On Investment TAX CREDIT!

TRIPLE H EQUIPMENT, INC.



Complete line of pull type, truck mount and 3 pt hitch sprayers, featuring fixed, two- or four-point automatic stabilizing booms unique only to Vicon!

A wide range of pumping systems, including ground drive, are available for almost any job — both on and off the farm

Pull type sprayers from 365 to 785 gallons, 3 pt capacities from 53 to 230 gallons, custom built to your individual needs!

Fixed booms from 21 to 31 feet, automatic stabilizing booms from 35 to 62 feet all utilizing Vicon's non-drip diaphram check nozzle bodies Single, dual and quad bodies available on all size booms for quick, easy change from floods to fan to cones to blanks depending on applications
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Foam markers, chemical inductors, hand guns, clean wash tanks, and rapid refill kits are just some of Vicon's options available at...

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For Quotations!

1983 JD 4640
Cab, Air, Quad, Duals, Triple Remotes, AM-FM, 520 Hours, Like New Condition.
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New Ford 4610

New IH 274 w/cultivator

USED TRACTORS

New JD 2150
JD 4630 w/4 post roll guard
JD 4440, cab & air
JD 4430, cab, air, quad range
JD 4230, cab & air
JD 2510
JD 4320, cab
JD 4030, 4 post, roll guard
JD 2940 w/front wheel assist
JD 2940 w/cab
JD 2940 w/loader
JD 2840
JD 2640 w/146 loader, (sharp)
JD 2510 Gas
JD 4240, power shift
JD 4240 w/cab & air
JD 3020 gas
JD 4000
JD 4020, new tires
JD 400 diesel backhoe loader
IH 3500 backhoe loader
IH 1086, cab & air
IH 1066
IH 766 w/cab
IH 806 diesel, excellent

Ford 7000
Ford 6600, like new
Ford 5000 Gas
Ford 4610, like new
Ford 4000 SU
Ford 3600
Ford 3400 w/Loader
Ford 2000
Ford 555 w/loader & cab
Ford 335 w/loader
AC 210 diesel
AC 185, sharp
AC 180, gas
AC 200, like new
MF 265
MF 205, 4WD
MF 50C w/loader
MF 135 diesel
MF 20 w/loader
David Brown 1200
Kubota 4000 w/loader
3 pt. hitch backhoe, like new
JD 2010 Forklift
Int. 7000 Forklift 28' Lift

USED PLOWS

Int. 5 btm. 16" spring reset plow
White 6 btm. 16" plow
White 4 btm., auto. reset plow

Large selection of 3 to 7 btm. plows
Int. 3 btm. rollover plow

GRINDERS & MIXERS

Gehl 65

USED COMBINES

444 JD corn heads
443 & 643 corn heads
JD 1978 4400, diesel
MF 410
Large selection of JD 2, 3, 4 & 6 row corn heads
JD 6600 diesel, rotary screen

JD 6600 hydro, rotary screen
JD 4420, like new
JD 3300 diesel, sharp
JD 435N corn head
JD 435W corn head

USED PLANTERS

JD 494A
JD 7000 4 row Dry fertilizer

JD 7000 6 row conservation, liquid
JD 7000 4 row liquid, like new

Used Moore no-till grain drill

USED HARVESTERS

Fox Max II w/3 row head, cab & air
Fox 2 row snapper head
Fox Custom 90
NH 718, sharp

NH 3 pt. hitch chopper w/1 row head
Field Queen 3 row wide corn head

Gehl flail head, excellent condition

HAY EQUIPMENT

NH 472 haybine
Gehl 1090 haybine
Gehl 1500 Round baler
New NH 315 Baler
NH 276 baler, excellent
NH 311 baler, like new.
New JD 327 Baler
JD 346 baler, excellent

NH 315 wire baler, nice
NH 273 w/thrower
M-C 7' rotary sythe, used on 100 acres
Large selection of used rakes
NH 1010 Stacker Bale Wagon
NH 1032 Stacker Bale Wagon

MISCELLANEOUS

1974 Chevy truck w/16' grain body & hoist
JD 58 loader
Int. 510 grain drill
Large selection of smaller discs
NI 2 row narrow, 12 roll bed
NI 323 1 row picker
NI 2 row wide, 12 roll, $3,000.

Kewanee hydraulic fold 18' disc
Kewanee hydraulic fold 18' roller harrow
Big V snow plow 12' wide
1979 Int. S-1954 w/DT 466 diesel engine, cab & chassis.

D & R EQUIPMENT INC.

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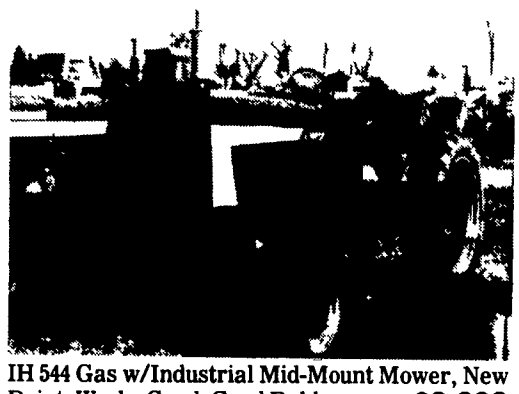
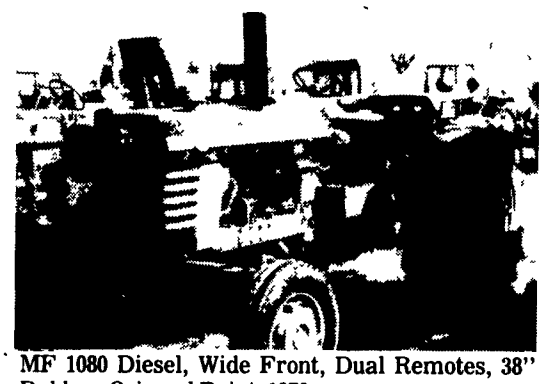
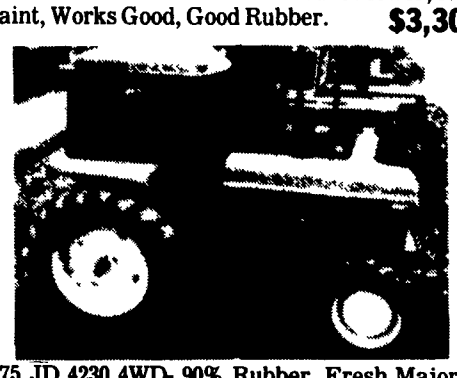


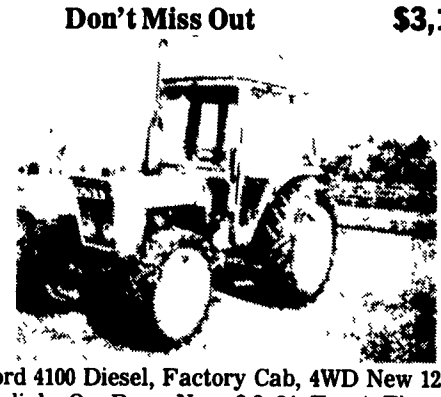
IH 544 Gas w/Industrial Mid-Mount Mower, New Paint, Works Good, Good Rubber. **$3,300**



MF 1080 Diesel, Wide Front, Dual Remotes, 38" Rubber, Original Paint, 1972
Don't Miss Out **$3,100**



1975 JD 4230 4WD- 90% Rubber, Fresh Major On Engine, 2500 Hours, Clean Original, Cab, Air, Quad., Good Tractor **$17,400**

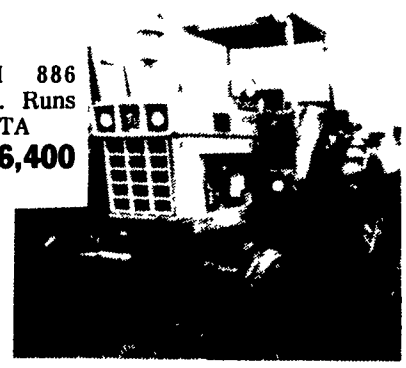


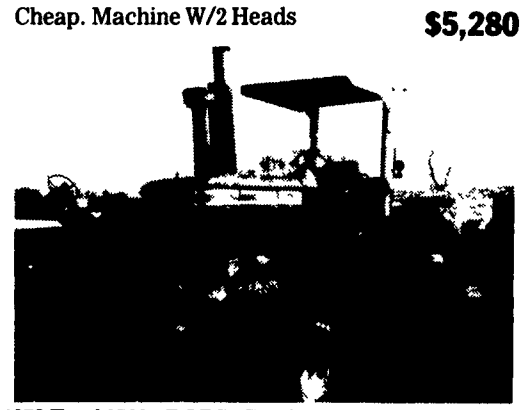
Ford 4100 Diesel, Factory Cab, 4WD New 12.4x36 Radials On Rear New 8.3x24 Front Tires 2235 Hours, Fair Condition. **$8,700**

IH 574 Diesel, WF, 3 Pt., Cab, 2700 Hours, Good Paint, Operating Condition
Special Price $5,400

Gleaner F Diesel Combine Comes With QT Grain Head & F435 Cornhead. Seasons Over - Price Is Cheap. Machine W/2 Heads **$5,280**

1976 IH 886 w/R.O.P.S. Runs Good, Bad TA
$6,400





1978 Ford 9700 - ROPS - Frt & Rear Weights, Spin Out Wheels, Runs & Looks Good. **$7,900**

Schwartz 750 Mixer-Feeder Wagon With Electronic Scales, Fair Condition
$2,850

COMBINE SALE
All Combines Have Cabs

- JD 4400 Diesel ..... **Coming In**
- White 8600-D-QT-Base **$6480**
- JDD 3300 D-R Screen-QT-Base **$7420**
- IH 615G-R Screen-QT-Base **$5940**
- White 7300 G-QT-Base **$5870**
- Gleaner F Diesel w/Grain & 435 Corn ... **$5280**

CORN & GRAIN HEADS AVAILABLE

NEW EQUIPMENT SPECIALS

SITREX P.T.O. TEDDERS
2-Wheel Pull or 3 Pt.
$895

4 Wheel- **$1695**

ROTARY MOWERS
40" 3 pt Heavy Duty $495
4' 3 pt Standard Duty $449
4' 3 pt Heavy Duty $495
5' 3 pt Standard Duty $449
5' 3 pt Heavy Duty $495
6' 3 pt Heavy Duty $695
7' 3 pt Heavy Duty $1395
4' pull Heavy Duty $595
5' pull Heavy Duty $695
6' pull Heavy Duty $895
7' pull Heavy Duty $1495
4' 3 pt Estate $1195
5' 3 pt Estate $1295
6' 3 pt Estate $1695

SICKLE BAR MOWERS
6' 3 pt pitmanless $1495

SCRAPER BLADES
6' 3 pt Heavy Duty $195
7' 3 pt Heavy Duty $225

CEMENT MIXERS
9 Cu. Ft.-3 Pt. $595
12 Cu. Ft.-3 Pt. $695
20 Cu. Ft.-3 Pt. $795

STONE RAKES
6' 3 pt. $495
7' 3 pt. $550
8' 3 pt. $595

HAY TEDDERS
2 Wheel Pull PTO $895
2 Wheel 3 pt PTO $895
4 Wheel Pull PTO $1695
4 Wheel 3 pt Ground $465

HAY RAKES
4 wheel 3 pt. $465

WOODSAWS
3 pt PTO 30" $495

ROTOVATORS
34" 3 pt. $875
42" 3 pt. $875
60" 3 pt. $1275
66" 3 pt. $1375
72" 3 pt. $1475
82" 3 pt. $1975

LOADERS
3 pt snow & dirt bucket $695

SEEDERS
PA 100 3 pt $275
PA 250 3 pt $285
PA 300 3 pt $295
PA 400 3 pt $395
PA 500 3 pt $450

LANDSCAPE BOXES
3 pt 5'6" $495
3 pt 6' $495
3 pt 7' $595

TRAILERS
1986 1 ton-9' Bed $695
1986 4 ton 14' $1495
1986 4 ton 16' $1595

POST HOLE DIGGER
3 pt 6", 9", 12", HD $495

CHISEL PLOWS
3 pt 9 tooth spring loaded ... $595

DIRT SCOOPS
3 pt Reversible $395

POTATO PLOWS
1 row 3 pt $95

DISC HARROW
5'6" 3 pt 18" Combo $495
6'6" 3 pt 18" Combo $495

SUBSOILERS
3 pt 1 shank HD $369

BALE MOVERS
3 pt 3 tine HD $379

FORKLIFTS
3 pt tilt cyl HD $2495

WAGONS
6 ton $450
8 ton loaded $550
10 ton loaded $625

CULTIVATORS
1 row 3 pt $149

BOOM POLES
H.D. 3 pt $149
Standard 3 Pt. ..... $ 79

100 COMBINE CORNHEADS

LOADERS
Loader Off D.B 990
Freeman Off 880 Brown
AC Off 1600
Souders Loaders
IH 2250 Loader
IH 2050 Loader
JD 158
Loader Off 800 Ford
IH 2000 Off 706
Loader Off 4000 Ford
Loader Off 30 Ferg.
Loader Off 550 Oliver
JD 37 Loader

CORNPLANTERS
IH 2X Fast Hitch
Ford 6X Pull
JD 246 2x3 Pt
IH 56 - 2 Row
Ford 2x3 pt.
MF 2x3 pt.-NEW
Oliver 2x3 pt.

ROLLBARS & CABS
IH 2 Post w/Roof
Case 1070 Cab
AC 7000 Rollbar
JD 4020 Cab
DB 1200 Cab
(30) Combine Cabs
Case 990 Cab
AC 7030-7050-Cab
MM G1000 Vista Cab
Ford 4000 Cab
Ford 6600 Cab
JD 4320 Cab
Ford 9600 Cab

BALERS
Extra Throwers
JD 214 Wire Tie
NH 851 Round
NH 67

NEW IDEA UNI SYSTEM ATTACHMENTS
731 4x40 Cornhead
743N Cornhead
766 Pickup Head
Extra Grain Heads
728 4x30 Corn Head
3x30 Harvester Head
705 Diesel Tractor
QT Throat Assy.
710 Combine
725 3RN Cornhead

CHISEL PLOWS
JD 10' Pull
Landoll 10' Pull
5 Tooth V Chisel (3 pt)
1 tooth 3 pt. subsoiler
5'-8'-9'-10'-12'
-14'-16' 3 pt
3 Tooth V Chisel

DISCS
IH 10'-11'-13' Transports
JD Plowing Disc-11'
KK 6' 3 pt.
IH 490 w/Wings-24'
IH Cub Disc
JD 10' RWA Transport
Bush Hog 16' w/Wings
JD KBA 8' pull
JD 310 Transport
Wilbeck Offset-11'

SICKLE MOWERS
JD 9 3 pt.
Ford 3 pt.
IH Cub
IH FH
Sitrex 3 pt. dynabalance

HAYBINES
NH 478-7'
Hesston 1070-7'

HARVESTER HEADS (75 In Stock)

PLOWS
AC 3xSC
JD (3 pts) - 2x-3x
JD (Semi) - 4x-5x
JD (pull) - 2x-4x Reset
JD 1x Reset 2500 Attach
Oliver 3x-3 pt.
Oliver (pull) 3x
Oliver (semi, Reset)4x-5x
IH 1x (MTD)
IH 2x, 1 pt, FH
IH 3x 3 pt
IH 550 5x (Semi)
IH 710 5x (Semi)
Ford 2x (3 pts)
MF 880 5x (Semi)
MF 2x Rollover
Oliver 4x3 pt.
JD 5x Rollover
Oliver 3x Rollover
JD 3X Rollover
IH 3X Rollover
IH 4X Rollover
AC 3x3 pt
JD 7x Reset
JD 4x Pull
OL 2x Rollover
IH 3x FH
IH 3x FH Disc Plow
Ford 3x3 pt.
Case 2x3 pt.

MISC. EQUIP.
Spike Harrow
IH Cub & 140 Attachments
Hesston 10W Mower
8' FH Blade
12' Lime Drills
IH Side Dressers
8' to 12' Spring Tooth Harrows
Tandem Axle Fert Spreader
Hesston 30 Mover
(3) Bale Wagons
IH 5100 Drill
(2) Hesston 10 Stackers
Danuser PHD
Fox 660 Blower
IH 56 Blower
Gehl 95 Grinder Mixer
(3) Cornpickers
(7) Harvesters
Transplanters
Hay Rakes
Cornshellers
JD 300 Elevator
Grain Auger-6"x32'
9' & 12' Cultipacker

ROTARY MOWERS
JD 5' Pull
Ford 7' Pull
Woods 6' Offset, 3 pt.
Bush Hog 4X Stalk Chopper
Woods C80-3 pt.
Woods 5' 3 pt

CULTIMULCHERS
JD 930 - 12' 3 pt.

CULTIVATORS
AC D14-D15 2x
Ford 2x3 pt.
JD 2x (H & 420)
JD RM6
JD 6x Frt Mtd
IH Cub & Super A, A, C
IH C-H-M 2x Frt.
IH 461 Ftr. Mtd 4x

WENGERS INC.

HOURS:
MON-FRI 7:30 To 5:00
SAT 7:30 To NOON

251 SOUTH RACE STREET, MYERSTOWN, PA 17067

TELEX 316290

PHONE: 717-866-2135

NIGHTS, PHONE: 717-866-7147 or 717-273-9089

JOHN DEERE TRACTORS

A Runs Good-Late Model	$800
A w/Widefront-For Collector	$1500
620-3 Pt.-PS-Runs Good	$2200
420 w/Mower-3 pt.-WF-RCP	$2900
301-Gas-As Received	$2900
(2) 435-GM Diesel-RCP	Each $3900
1010-Gas-Cult.-RCP	$3900
730 Diesel-Try-3 pt.-RCP	$3900
JD 301 w/Mower-Clean	$3900
430-PS-3 pt. Cult.-For Collector-RCP	$4500
830-DE-2 Cyl.-Nice	$4500
830-DE-2 Cyl.-Nice	$5500
3020 Gas-Console-WF	$5900
3020 Diesel-WF	$5900
2640 Orchard	$5900
4020-Very Nice-RCP	$6900
4230-4 WD-Cab-Quad	$17,400
R-80-820-830 In Stock	Call

FORD TRACTORS

8N-Nice	$2400
8N-Very Nice	$3200
4000-Utility-Gas-PS-RCP	$4500
3400 w/ldr.-Forks-RCP	$4900
8000-1972-w/Dual Power	$4900
2000 w/Mower	$5900
335-Gas-3 Pt-PTO-ROPS	$6500
4600 Diesel	$6900
5000D-Redone	$6900
1700 w/Tools-Tire Chains 227 Hours	$6900
4400 w/ldr.-RCP	$6900
6600 Diesel-Flat Deck	$7900
9700-ROPS-Wts	$7900
4100 Diesel-4WD-Cab	$8700
8700-Dual Power	$8900
420 w/ldr.-RCP	$8900

FARMALL TRACTORS

H	$800
Super A w/Cult	$1900
Super C w/Cult-Sharp	$1900
Cub-Mower-Hydraulic	$2000
Cub-Late Style	$2500
404 w/Mower	$2500
444-Diesel-WF-3 pt.-PS	$2600
504 Diesel-Hi Clearance	$2600
Super AV w/Cultivator-RCP	$2900
560-D-WF-FH	$2900
350 Utility w/Rotary Mower-RCP	$2900
544 w/Ind. Rotary Mower-RCP	$3300
140 w/Woods Rotary Mower-RCP	$3900
424-Diesel-Utility-RCP	$3900
560D-Clean-Wide Front-FH	$3900
656 Diesel-Utility	$4500
574-Cab	$5400
656D-Hydro-Clean	$5900
100 Hydro	$5900
504 w/Loader-Gas-Utility	$5900
886-ROPS-Bad TA-1976	$6400
784-Cab-3500 Hours-1978	$6900
86 Hydro-Hi-Clear-Diesel-RCP	$6900
1206-Nice Local Trade	$6900
1486-ROPS-1977-Rear Noise	$7900
886-1979-Cab-Air-TA Works	$8900
1586-Cab-Air-Bad TA	$11,900
1466-Cab	Coming In
766-Cab	Coming In
826 Cab	Coming In

OLIVER & WHITE TRACTORS

1355	$2500
88-Wide Front-For Collector	$2900

CASE TRACTORS

930 CK Standard-Clean	$3900
970-Sharp	$6500
2670-Cab-Duals-3 pt.-PTO-RCP	$13,500

MASSEY FERGUSON TRACTORS

Pony w/Mott Mower	$1900
22 w/Loader-3 Pt.	$2000
1080D-1972	$3100
130 Vineyard-Diesel-3 Pt.	$3400
35 Gas-WF-3 pt.	$3400
165 Gas-WF-3 pt.	$3900
165 Diesel	$3900
65 Utility Diesel-Rebuilt Multi Power	$3900
35-Gas-RCP	$3900
(2) 50-GAS-RCP-Sharp	Choice $4800
65 Gas-PS-RCP	$4800
35 GAS-P.S.-RCP	$4900
165 Diesel-Multipower	$5400
MF 165 Gas-WF-3 pt.-RCP	$5900
1105-Diesel-WF-3 pt.-RCP	$6900

IMT, LONG, KUBOTA, VALPADANA & DEUTZ TRACTORS

Long 460-1978-As Is	$2500
Kubota B6100-2WD	$2900
Kubota B7000-4WD-Rotovator	$4400
Valpadana 20/26 4WD-DEMO	$5900
Kubota L235-4WD	$6900
IMT 539-New	$6995
Kubota L275-4WD w/Mower	$8800
Valpadana 4033-4WD-DEMO	$8800
Long 360 4 WD-New-Was $13,690	$9400
Long 460 4 WD-New-Was $15,373	$10,800

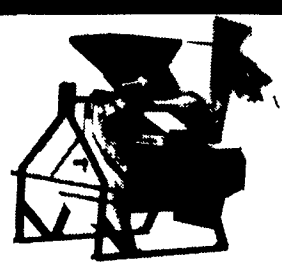
ALLIS CHALMERS TRACTORS

G-RCP	$1900
D17-Gas-Try	$2900
D17 Series 4	$2900
200	$4900
210 Diesel	$6500
185-Wts.-Very Nice	$8500
185 Cab-Air-1978-2200 Hours	$9900

DETAILED VCR COLOR TAPES WITH SOUND AVAILABLE FOR ANY OF OUR MACHINES (VHS ONLY) $25 Per Machine

See Any Of This Equipment In The Comfort Of Your Home! ($10.00 Refundable Upon Return)

3 Pt. & Pull Type

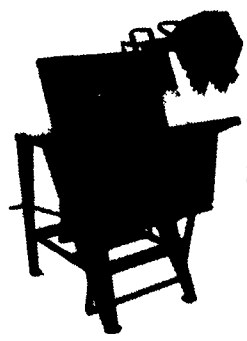


NEW CORNSHELLERS

- 3 Pt. Economy $795
- 3 Pt. Standard $1395
- 3 Pt. Deluxe $1695
- Pull Type ..... Add $100

Pictured Is Standard Model

NEW SHIPMENT JUST ARRIVED



3 Pt. WOODSAWS

$495

1981 IH 1654 DIESEL
Auto., P.S., New
900x20 Rubber,
120" CA

ONLY $10,250

TRUCKS

1956 GMC 10 Wheel Dump	$3500
1966 Chevy C60 Dump	$3900
1968 IH 1x Dump	$3900
1973 Ford F350 w/Dump	$4900
1968 Dia Reo 1x Dump	$4900
1974 White Diesel w/Crane	$6500
1981 IH 1654 C&C	$10,250

FIELD CULTIVATORS

Glencoe 13' 3 pt

FORAGE WAGONS

Fox 625

POTATO EQUIP.

Iron Age 2X Planter
1 Row Planter
2 Row Digger
1 Row Digger-3 pt.

DUALS

18 4x34 Snap On
20 8x38 Axle
18 4x34 Axle
18 4x38 Snap On
18 4x38 Ford Axle
20 8x38 Snap On

SPREADERS

JD R
IH Cub
NI 18
NI 12A

CONSTRUCTION EQUIPMENT

NEW 1986 TRAILERS ON SPECIAL

- 2 Axle, 4 Ton, 14 Ft. $1,495

TRAILERS

1986 1x1 Ton	$695
1986 2X 4 Ton	$1500
6 Ton Tag-A-Long	$2800
6 Ton Goose-neck	$3400
Used 12 Ton	$3900
26' Goose-neck	$4500
Phelan 20' Lowboy	$4800
1986-12 Ton	$5800
1977 44' Movall Drop Deck	$10,900
1977 Phelan 25 Ton Double Drop	$12,900

SKID STEER LOADERS

White 4-30	$3500
Melroe 720	$4900
OMC 440	$7900
(2) Case 1845 Diesel	$8900

FORKLIFTS

4000 lb., Solid Tires, Side Shift	$1000
3 pt. Attach-NEW	$2500
Clark 6000 lb.	$2900
Datsun 9000 lb	$3900
White 6000 lb	$4900
AC 6000 lb.-RT	$5900
Clark 8000 lb -RT	$5900
White 4000 lb.	$6900
White 2-44	$7900
TCM-6000 Lb	$7900
Hyster 10 Ton-RT	$8900
TCM 5000 Lb.	$9900
Komatsu 5000 lb.	$9900
AC 600-21'	$10,500
White 21'	$11,500
Case 586	$12,500
AC 1600-21'	$12,500
Sanderson SB70	$16,500

MISC. CONSTRUCTION

(100+) Used Hoe Buckets	Come Look
(30) Loader Buckets	Come Look
(30) Set Forklift Forks	Come Look
Mortar Mixer	$795
(2) Rollers-1 Ton	$1250 & Up
2 Ton Roller	$1750
JD 350 Winch Attach	$1900
Knuckle Boom Log Loader Assy.	$3500
Joy 185 Diesel Compressor	$5900
Galion 503 Grader	$7900
Galion 503 Grader	$8900
Leroi 175 Air Compressor	$8900
Rex 3-50 Compactor	$39,500

LOG SKIDDERS

Ford Log Hog	$2800
Franklin	$3500
Timberjack 230	$10,500
JD 540 A	$11,500
JD 440C-1978	$18,800
JD 640	$24,900

TRACTORS WITH LOADERS

MH 22	$2000
MF Workbull	$3900
Ford 3400	$4900
MF 30	$4900
MF Workbull	$5900
Ford 3400	$5900
JD 301	$5900
IH 504	$5900
Ford 4400	$6500
IH 250	$6900
Ford 4400	$6900
IH 2400B	$6900
IH 2400B	$7200
IH 2500A	$7500
IH 2500B	$7700
IH 2500B	$7900
(2) Ford 515	$7900
(3) Ford 515	$8500
Ford 515	$8600
Ford 515	$8700
Ford 515	$8800
Ford 420	$8900
(4) Ford 515	$8900
Valpadana 4033-4WD DEMO	$10,800
Valpadana 4038-4WD DEMO	$11,300

BACKHOES

IH 3616	$5900
IH 2400	$5900
Ford 4500	$6500
Ford 3550	$6900
Ford 5550	$6900
IH 260	$7500
JD 300	$7900
Case 580	$8900
(2) JD 400	$8900
MF 30	$8900
MF 50-Cab	$10,500
JD 310	$10,500
IH 2500B	$10,500
IH 2500A-Cab	$10,900
JD 410	$10,900
JCB-Cab	$11,500
IH 3820-4WD	$12,500
(3) Case 580B	$12,500
JD 410-Cab	$13,500
Case 580F-Cab	$16,500
Case 580C	$16,500
(3) Case 580F	Coming In

RUBBER TIRED LOADERS

Hough H25	$1500
Trojan 124-Cab	$7900
Trojan 204-Cab	[illegible]
Michigan 175A II-Cab	$10,000
Hough 65-Cab	$10,000
Fiat 545-Cab	$16 500
Fiat 345B-1979	$19,500
Ford A62-1980	$25,000
JD 644B	$26,500

DOZERS

IH TD14	$2900
JD 1010	$5900
JD 450	$7500
JD 350 Cab	$9500
JD 350 6 Way	$9500
Case 450B-6 Way	$13,500
JD 450 6 Way	$13,500
Cat D4D-Cab	$19,500
Cat D5-Cab	$19,500
Case 1150B-Cab	$19,500
(5) Cat D4D	Coming In
Case 850 6 Way Cab	Coming In

CRAWLER LOADERS

Case 850	$7500
(3) Case 350	Each $8500
Case 850	$8500
MF 2244 w/4 in 1	$8500
(3) Cat 933F Cab	$9500
(2) JD 350-Cab-Ripper	Each $9500
IH 150	$9500
Case 450	$9500
IH 500C w/Hoe	$9800
Cat 933F Cab 4-In-1	$10,000
JD 450	$10,500
Cat 933G Cab Ripper	$11,500
JD 450 w/Hoe	$11 500
MF 200 w/Hoe-Cab-4-in-1	$12,500
Cat 951C	$12,900
MF 400-Cab-Ripper	$14,500
Komatsu D31-Cab	$18,500
Cat 941-4 in 1	$21,500
Cat 941-Cab-Ripper	$22,500
(2) Cat 941-Cab-4 in 1	$22,500
JD 450 B	Coming In
JD 450 w/Hoe	Coming In
JD 350	Coming In
Cat 941	Coming In
Cat 951C	Coming In

EXCELLENT SELECTION OF AFFORDABLE USED EQUIPMENT

Badger

ATTENTION FARMERS!
Need a Tax Break for 86?
Buy a new Badger Forage Wagon for only 3% over invoice.
HESS'S EQUIP. SALES & SERVICE
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BHM FARM EQUIPMENT, INC

Annville, PA
717-867-2211

NEW HOLLAND

NEW EQUIPMENT
NH 555 D. Skid Loader
NH 785 D. Skid Loader
NH 307 Slurry Spreader
NH 514 Manure Spreader
NH 791 Spreader
NH 304 Slurry Spreader
NH 900 Forage Harvester

USED EQUIPMENT
NH 276 Baler & Thrower
NH #30 Blower
NH 256 Hay rake w/Rubber Teeth
NH 495 Haybine
NH 354 Grinder Mixer

DEUTZ ALLIS

Tanaka Chain Saws & Weed Cutters

NEW EQUIPMENT
AC 8030, 2 WD Tractor, full warranty, 130 HP, $27,500
Deutz Allis 6265 w/Cab
Deutz Allis 6070, 2 WD
Deutz Allis 6080, 2 WD
Deutz Allis 6080 2WD w/Cab
Deutz Allis 6250, 2 WD w/455 Loader
Deutz Allis 6275, 2 WD w/ROPS
AC 1200, 16½' Field Cultivator $2,450

Happiest

of Holidays

You've been a joy to know and serve

USED EQUIPMENT

IH 915 Combine w/763 Corn Head & 810 Grain Header, $8,500

1976 Gleaner F Combine w/430 C.H. & 13' Grain Platform, Excellent Condition

AC 5050 Tractor, 226 hrs., $7,950
AC CA Tractor
AC B Tractor w/Cultivator
IH 584 Utility
IH 350 Utility w/#34 Loader
IH C Tractor
IH M Tractor w/IH 2MH Corn Picker, $1,500
Farmall 350 Tractor
Newfield 465 Tractor
Oliver SOLD Tractor
Case Stalk Shredder
JD 336 Baler w/#30 Thrower
JD 24T Baler & Thrower for parts, $350
IH 46 Baler
IH 56 Blower
Gehl Hi Throw Blower
AC Pitmanless 3 PTH Mower
IH 51 Forage Wagon
JD 4Fx16 Trailing Plow
MF#33, 17x7 Grain Drill
JD Wheel Rake
NI 218 Spreader

USED EQUIPMENT

TRACTORS:
IH Farmall "C"
Farmall 450 Diesel
Farmall Super C w/Fast Hitch & Cult.
Farmall 400 Gas, Tricycle
Farmall 806D, WF
Int. F12 w/cult., $650 - Runs
IH 240 w/Fast Hitch
Cub Lo Boy w/60" Mower
IH 185 Cub Lo Boy w/Mower — Mechanic's Special, $1,500
IH 340, Utility, WF, FH
IH 460 Utility Gas - Real Nice Cond!
MF 135 gas, low-profile orchard tractor
JD 430T, 3 pt. Hitch w/Cult. & Side Dresser

HAY & FORAGE:
Int. 56 Blower, Rebuilt
IH 61 Forage Wagon w/140 Gear - $750
NH 33 Flail Chopper
NH No. 26 Blower
(2) NH No. 27 Blowers (Whirl-a-Feed)
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower, nice!
550 IH Chopper (Parts)
1014 Hesston Mower Cond. — Make offer!
NH 69 Baler w/o Thrower
NH 268 Rake w/Jack
IH 27 Baler - Real Nice
IH 420 Baler w/o Thrower
IH 430 Baler w/Thrower- $1,500!
IH 440 Baler - Real Nice!
(2) IH No. Bale Throwers
IH Direct Cut Head For 15 or 16 Chopper
IH 781 Chopper w/2 Row Head - Like New
NI Stalk Shredder, 12'

TILLAGE:
Brillion Vibra Tine Trailing Field Cult., 16 Ft, Like New
Pittsburg 11'6" Disk
JD KBA Disk, 9' — $750
JD BWA 12' Disk
JD 1710A 12' Trailing Mulch-Tiller, Like New — ~~$3,950~~ — Now $3,550!
IH 37, 35 In Various Sizes
Ford 3 pt Hitch 3-Bot Plow, 14", Category 2
IH 420 2 Bot. 14" 3 pt. Hitch Plow
IH 550 5-Bottom Semi Mtd. Plow
Int. 360 20 ft. Trailing Field Harrow
1-Bot. Trailing Plow
Vicon 10' Power Harrow — Was ~~$2,500~~ — Now $950

MATERIALS HANDLING:
Farmhand Loader for IH 74 or 84 Series Tractor
357 Hawk Bilt Tank Spreader, Tandem Axle- Coming In

IH PARTS COMBINES:
IH 315 Hydro & Plat.
IH 315 Gear & Plat.
IH 403 Gear, 4R Wide Hd & 12 Ft. Plat.
IH 227 Cornhead
IH 700 13' Platform

COMBINES: 8.8% Int. or Waiver Til 11/1/87
AC FKS Diesel 4-Row Narrow Cornhead, 13' Platform, Nice Shape! — No Reasonable Offer Refused
AC FKS Diesel w/4-Row Wide Cornhead & 13' Platform
IH 205, Cab, 10 Ft. Platform, Real Nice - $4,800
IH 227 Cornhead, fits 315, 205 or 203
IH 843 4-Row-Narrow Cornhead — $3,250
IH 863 6-row Cornhead Real Nice!
MF 550 Hydro, Late Model, Grey Cab, 900 Hours, 1144 Hd. And 13 Ft. Soybean Platform w/23" Tires
JD 45 w/Hume Reel, Good Shape
744 Wide Cornhead for 715
743 Narrow Cornhead for 815

MISCELLANEOUS:
SIMMS Cab & Roll Bar Enclosure for 574 Series Tractor — $650
ARPS 3 pt. 78" Snowblower
Vicon 281 Mower Cond.- Extra Special Price! (New, Demo.)
Walsh 300 Gal. Trailing Sprayer
Howard Rotovator, 54", 3 pt Hitch, Hvy. Duty - $1,050
Tricycle High Boy Sprayer, Set Up For Sweet Corn, with FMC High Pressure Pump - Needs Work, Make Offer

OUTDOOR POWER EQUIP.- OVER 20 USED L&G TRACTORS IN STOCK AT ALL TIMES
Cub Cadet 149 w/42" Mower
Cub Cadet 108 w/Mower
Cub Cadet 106
Cub Cadet 105 w/mower
Cub Cadet 682 w/50" Mower
Cub Cadet 982 w/50" Mower-Rental Unit
JD 210 w/Mower, Nice Shape
AC Big 10 w/Mower
Gravely Model 424, 10 Hp, w/Mower
Yazoo 16 Hp w/48" Deck, Nice Shape
Yazoo For Parts

PLANTERS:
IH Model 510 16x7 CO SD grain drill like new
(2) IH 56 4-Row Planters - Real Nice Cond.
IH 400 4-Row Cyclo Planter
IH 2-Row Fast Hitch
IH 455 4-Row
IH 658 6-Row Narrow Dry Fert.
4 & 6 Row Cyclos, Field Ready!
JD 1240 Plateless, Liq. Fert., 30" Rows w/DEMCO Squeeze Pump — Nice!
JD Van Brunt 13x7
JD FBB 17x7 DD

Winter Specials!

JAMESWAY VENTILATION EQUIPMENT IN STOCK
Limited Availability **50% OFF**

Butler 115 Mix Box (Make Offer)	$6,450
Vicon 281 Mower Cond (Demo Make Offer)	$9,500
Trailblazer Foam Marker Kit (List $950)	$ 785
Century Dye Marker Kits 2 Available At 10% Below Dealer Cost	$350 ea.

John Blue Saddle Tanks - 200 & 260 Gal. Available In Stock
John Blue 300 Gallon Trailer Sprayer
John Blue 500 Gallon Trailer Sprayer

1-ONLY SPECIALS... 8.8% INT. or WAIVER TIL 11/1/87

IH 4623 Vibra Shank 23' Trailing Field Cult, Demo, Setup, Weathered	$4,895
IH 4630 Vibra Shank 30' Trailing Field Cult, Not Set Up	$5,895
IH 540 Spread SOLD Tires, Weathered	$2,645
IH 144 Cultivator For IH 274 with Rear Section Not Set Up	$1,195
Case IH 1190 M SOLD nditioner, 9 Ft Demo	$4,988

8.8% INTEREST or WAIVER TIL 11/1/87 Plus... $2,000 TO $10,000 CASH BACK ON NEW TRACTORS & COMBINES!

case IH

NEW EQUIPMENT

Int 200 Series Tractors In Stock — All Models Available!
Case 2294 — 4WD — Extra, Extra Special Price - Rental Unit
Case IH 1896 — 2WD — 2 In Stock — 1 w/Cab & Air 1 w/4 Post Roll Bar
Case IH 2096 — 2WD & 4WD — Cab
Case IH 2294 — 2WD — Cab
Case IH 585 w/Shuttle Shift
IH 585 — 4WD — Demo
Case IH 685 Row Crop — ROPS
(2) Case IH 685 — Orchard Special — Demos
Case IH 385, Low Profile w/Turf Tires — ROPS
Case IH 1594, 4-Wheel Drive, 2 Post ROPS w/Power Shift
Case IH 1394, 2 Wheel Drive, 2 Post ROPS, Power Shift, Turf Tires
Case IH 1394, 4-Wheel Drive, Cab Power Shift
Case 183 SOLD Loader — Gas
(2) Case 1845 C Skid Loaders
IH 183 Vibra Shank 4-Row Cult — Set Up — Extra Special Price
Straw Chopper For 1420 Combine — Make Offer!
Case IH 1660 Combine
1063 6-Row Cornhead, 1043 Cornhead & 1020 15 ft Grain Platform
IH 560 Spreader
Case IH 415 13'2 Packer Mulcher
Case IH 415 10'1 Packer Mulcher
Case IH 145 4 Bot Rollover Plow
Case IH 145 3 Bot Rollover Plow
Case IH No 720 6 Bottom 18" On Land Plow
IH 181 Rotary Hoe
800 6 Row Air Planter — Demo
Case IH 20x6 Plain And Combination Drills
Case IH 18x7 Plain Drill
Case IH No 14 Sub Soiler Auto Reset

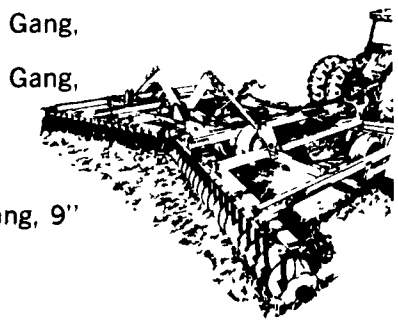
CASH BACK! $2,000 to $10,000 Cash Back On New Tractors & Combines

DISKS

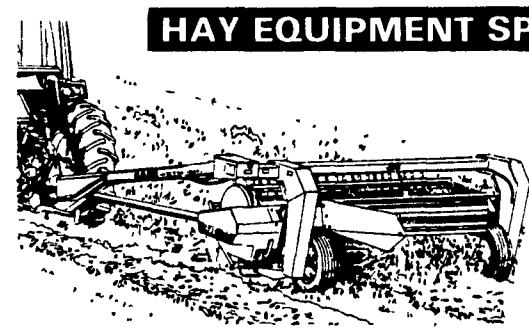
Case IH 496 18x7 Cushion Gang, 7½" Spacing
Case IH 496 18x7 Regular Gang, 7½" Spacing

New Model — JUST IN...

Case IH 475 12', Cushion Gang, 9" Spacing



HAY EQUIPMENT SPECIALS

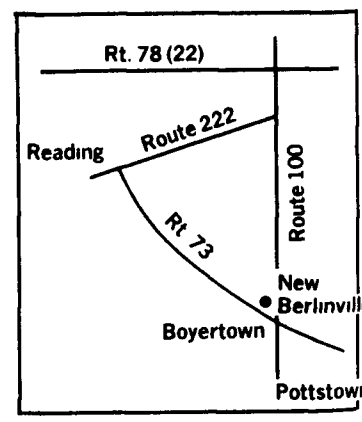


Will Sell Below Invoice Price!

Case IH 96 Hydraulic Rake
Case IH 1490 12 ft. Hydroswing
Case IH 445 Baler with Thrower - Demo
Case IH 3450 Big Round Baler

See Us For All Your Equipment Needs

- ★ Butler Livestock Systems
- ★ DeLaval
- ★ Roskamp Roller Mills
- ★ Deutsch-Fahr Tedders
- ★ Vicon Spreaders
- ★ Myers Snow Equipment
- ★ Farm Bilt Hay Wagons
- ★ Sprayer Parts headquarters
- ★ John Blue Sprayers
- ★ FMC Bean
- ★ Brouwer Turf Equip.
- ★ Grasshopper Mowers
- ★ Myers Forage Wagons
- ★ Hedlund Martin
- ★ Madison Silos
- ★ Ag Chem Sprayers & Parts
- ★ Northwestern Skid Loaders
- ★ Woods Mowers, Blades & Backhoes
- ★ Trailblazer Foam Markers
- ★ Cub Cadet Lawn Equip.



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We Ship Parts Daily — UPS!

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One Mile North of Boyertown In
New Berlinville, PA. 19545
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Daily 7-5:30; Sat. 7-3

STITZEL FARM EQUIPMENT, INC.

Merry Christmas to All

May we at this holiday season be able to fill all with the expression of a truly Christmas

East Windsor St. & Krick Lane Hamburg, PA 19526

Phone Bus. 215-562-8377 Home 215-562-7451 or 215-562-5740

COMBINES W/GOOD SELECTION OF HEADS
We have 10 late model, very nice, local, one-owner combines.

1983 MF 860 Hydro V8 motor, fully eq., low hrs., looks like new, w/rear whl. drive w/1163 C.H. & 15' flex U2, reel, like new.

M.F. (82) 850 4 WD Hydro w/16' Flex + 1163.

M.F. 1980 750 Gray Cab, Hydro, fully eq., 700 hrs.

JD 6620 Side Hill w/700 hrs., looks like new; JD 4420, low hrs., very nice; 1976 JD 7700, real nice.

JD 3300 Real nice w/2 heads.

JD 8820 fully eq. w/Turbo Hydro w/Reverse feeder house and chopper, very nice.

JD 6620 S.H., 800 Hrs., real nice, just out of field working. For $39,500; JD 6620 LL, 900 hrs., 1 owner, nice; (75) 6600 D. Rotary Screen good; 1977 JD 4400 D., C.A. w/23x26 tires.

IH (Used) 1460 Axial Flow - 800 Hrs., 863 C.H. & 15' grain for, $41,500; MF 550 D., C.A., low hrs.

55 Sq. B. w/Cab - Good; 55 C.S. sq. back w/cab; (76) 915 Dsl., C.A. Turbo Hydro; IH 715 Gas w/Cab & 810 grain for $5,500; 205 w/Cab & 10' G.H.; Gleaner N6 w/R.W.D. & 2 Heads.

('75) 510 D. Hydro w/Cab; **N.H.** TR70 C.A. Hydro; Gleaner (76) FD. w/C.A.-Nice; Nice; #90 Pull Type.

N.I. 702 & 705 Uni-Systems w/Full Eq.; 767 Super Chopper; NI 727 Husking Beds; NI 737 Husking Beds; N.I. 729A Shellers; MF 300 w/Cab & Q.T. Heads, nice **(SOLD)**; JD 1210A grain cart **(SOLD)**.

JD 6620 and 7720 w/low hrs. & both w/4WD. Available This Week.

CORNHEADS: J.D. 843 LP, 643 LP, 443 & 444 LP, 343, 244, 243, (New) Only 1; 443 - $9,100; 313 (45), 205 (40) 234, 435; Late Model 643 & 443, like new; JD 643; 1 JD 443; JD 454 row crop **(SOLD)**; 653A.

Just Traded: JD 643 & 444 heads; JD 444, low profile, real nice.

I.H. 863, 844, 843, 833, 744, 227.

A.C. GL 440, C440, A438 Black, A630 Black, L2, L438, M430, F430, KF335, F330.

M.F. 1163, 1143, 63, 44, 33, 43, 24, 222, 422.

N.I. 738, 743, 730, 734, 725, 723, 762, 763; **Ford** 4-30''; **Case** (404); NH 4 & 6 row.

GRAIN HEADS: J.D. Used 12'-15' Incl. 213 & 215 & (2) JD 216 Flex; JD 213 Rigid.

I.H. 810-13' Thru 16.5' w/Reg. or Floating; 2-New 820, 17½' Flex, $5,500 each.

M.F. 10'-16' Reg. or Floating Bar; **A.C.** E10', G15'.

N.I. 713 Flex Or Rigid.

Tractors & Equip. Just Traded:

JD 4040 C.A., Q.R., very nice; JD 3020 w/NI 319, 12 roll mounted picker, local trade; Case 1594, P. Shift, low hrs., like new; Farmall 450 gas, PS, WF; F450 Gas w/F.H. & Loaders; JD 230, 21' fold disk, Case 7' 3 pt. chisel plow w/gauge wheels; JD 1710, 10½' mulch tiller; JD 58 loader, excellent.

Late Model Brillion 10' transport seeder; Knowles 16' wing trans. harrow, used 4 acres.

Local Trade: Used JD 4450 C.A. w/490 hrs., like new; (77) Case 970 C.A.P.S. original.

Used JD 4240 C.A., Q.R., 1400 hrs.; Local owner, looks like new.

J.D. (New) 4450 C.A.P.S. w/FWD, $44,200; New JD 2950 w/R.G.; 4640 C.A.P.S., Duals - 800 Hrs., Real Nice; 4640 C.A.Q.R. w/dual wheels; 4440 C.A.P.S. - Real Nice; 4440 C.A.Q.R.; 4240 Q.R. $15,500; JD 2940 w/F.W.D. & 260 Loader, Low Hours; 1977 JD 4230 C.A., Q.R., sharp, 2200 hrs.; 2940 w/R.G.; 8630 4 WD C.A.Q.R., Full EQ. w/Duals; 8430 4 W.D. C.A.Q.R., Fresh Motor - Real Nice; 6030 C.A. Duals - Nice; 4630 C.A.P.S. w/F.W.D., Real Nice; JD 4630 C.A.P.S. w/new tires; JD 4430 C.A.Q.R.; 4230 C.A.Q.R.; JD 4040 PS w/R.G.; JD 4030 w/creeper trans.; JD 4230 D w/RG Enclosure; 2940 w/R.G. & 38'' Tires; JD 2630 w/Hi-Lo; 1530 w/Hi-Lo; (70) 5020 - $5,900; JD (5) 4020's 1964-1972; 4020 S.C., W.F.E.; 4020 P.S., S.C., W.F.E.; 4020 w/58 Loader; 3020 D. S.C., W.F.E.; 2520 Dsl.; 2020 Gas; 3020 Gas, PS, original; JD 4520 R.G. & cooler w/30.5x32 tires; 4010 D w/new clutch; 4010 Gas; 730 Gas w/3 Pt.; 630 Gas; 720 D. P.S. w/3 pt; 620 P.S.; 620 L.P.; JD 3010 Gas, real nice; JD 2020 Gas w/L; JD 4010 D., good; JD 2010 Gas, WF w/Hyd. JD Loader.

I.H. (New) 5088 Full Eq. C.A., never used. Sale Price, $33,450; 5488 Full EQ., Radial Duals - Like New; 786, one owner, original; 3288 C.A. West Int., radial tires, looks new; 1086 C.A. w/Dual Whls., original; 1586 C.A. Nice; 1586 w/R.G.; 886 w/Cab 18x38 Tires, 700 Hrs. Like New; 886 w/R.G.; 3588, 2+2 w/Dual PTO, 1300 hrs., real nice; 76- 1066 C.A.; Farmall 1066 C.A., original; Hydro 84, Hydro 70; 784 - 1,000 Hrs., Real Nice; 1568 C.A. - 1,000 Hrs., Real Nice; 1566 w/Cab; 1466 w/Cab; 1066 Hydro - Original; 966 Original; 766D.; 464 utility w/2250 loader; 666 D., WF, original; 674 D.; 574 D. w/Loader; 656 Gas; 806 D - $4,750; 464 Utility, Gas, PS; 1256 w/Cab, Nice; 756 D. W.F.E. & F.H.; 756 G Hi-Clear; 656 Gas - W.F.E. - Original; 656 Gas & Diesel; 656 D. Hi-Clear; 826 D. Hydro; 1206, Nice; 806 D w/3 pt., new paint for $4,475; 706 D. - W.F.E. - 3 pt. - $5,000; 706 Gas T/A, W.F.E.; F.H.; 606 Gas w/3000L; Super M; 230 w/F.H.; IH 240 Utility; 560D; F450 Gas, Tri., F.H. w/Loader.

Local Trade: AC 4W, 305, 4WD, 400 HP, fully eq. w/20x38 Rad. duals, used 120 hrs., like new.

New AC 8050 C.A., P.S., rad. tires, fully eq.; Used AC 8010 C.A., P.S. w/F.W.D.; used AC 6080 w/R.G.

A.C. New AC 6080; (Used) 7045 C.A. - 20 Spd. - Real Nice; 7040 C.A.P.S., Like New; 210 - New 20.8-38 Tires; AC 200 D original; D17 Series 4 - w/3 pt. **(SOLD)**; AC 220, real nice; XT190D. w/3 pt..

CASE (Used) 1690 C.A.P.S., 200 hrs.; Case 2590 C.A.P.S. - 925 Hrs. - Like New; 1370 C.A.P.S. Factory Duals; 380 D. w/R.G.; Case 2390 C.A.P.S. $14,800; 930 C.K. w/3 pt.; Case 885 D. w/L.

M.F. 2675 w/R.G. w/1,000 Hrs.; 1155 C.A.M.P. - $8,500; 1135 C.A.M.P.; New 698 C.A., 4WD **(SOLD)**.

Ford TW 35, used 150 hrs., local trade, like new.

Ford 9700 C.A., real nice.

FORD TW-20 w/220 Hrs. - Damaged; Ford 641 w/Hyd. Loader; '52 Ford 8N; Ford 4000 SU w/PS; Ford 3000 w/PS.

OLIVER 1855 w/20.8-38 Super 6, 4WD, w/3 pt.; Farmall Super A w/Cult., Plow & Sickle Mower; Owatonna 1700 Skid Loader; Brillion transport wing harrow.

JD 4630 S.R. Cab & Air; JD 40 w/3 pt.; Case 310 Crawler Loader; Dunham Lehr 8R hydraulic fold S tine cultivator.

TILLAGE EQ.: IH 800, 9x, auto reset, flex plow; Bush Hog 20' Hyd. Fold Disk.

AC 28' Hyd. Fold Disk; Ford 236, 9' Heavy Disk, like new; Glenco SS18 Fold Soil Saver; Field Queen Side Dump Wagon; Farmhand 880 Big Tub Grinder; JD Planters 6R Cons. w/Dry Fert.; 6R Cons./Liq. Fert.; JD 7000, 4R.

CORNPICKERS: (Used) 325-2RN w/8 or 12 Roll Husker, Shellers & Super Shellers; (Used) 324-2 RW w/ 8 or 12 Roll Huskers; Shellers & Super Shellers.

New N.I. 329 Super Sheller List $6700.00, Special $3,550.

N.I. 330 - 3 RN w/Supershellers; 325 2RN w/Grinder.

JD 3020 w/NI 319 mtd. 12 roll picker, very nice; JD 237 mtd. picker.

PICKER: NI 323, 1R, $1,950; NI 311, 2R picker priced right.

Just Traded: NI 325 w/12 roll bed.

FORAGE WAGONS: 2 JD 716A w/roof & JD 1275 tandem gear w/heavy tubes & tires, new in '85, like new, $7,950; **N.H.** #8 w/roof, like new; New Pequea hay tedder, $1,285.

HAY EQ.: BALERS: J.D. 346T w/Thrower; NH 310 w/Thrower; NH 320 w/#70 Thrower, $5395; NH 420, real nice; NH 275 & 273T w/Thrower; **N.I.** 456 Round Baler; **N.H.** 851 Rd. Baler.

RAKES: Used NH 256 for $1,450; NH 260 & 258 w/dual hitch setup.

N.I. (New) 406 w/Dolly Wheel - $2,275.

J.D. 660 w/Dolly Wheel; New Deutz Fahr 17' Hay Tedder, $2,500; Used Grim 17' Hay tedder.

HAYBINES: N.H. 1495 S/P Hydro C.A.D. - 1,100 Hrs.; (Used) 489, 488 Nice; (2) 479; 472 7' (Nice) like new; (82) NH 489, real nice; NH 477, 7' for $2,350.

(Used) M.C. 7E; N.H. 1034 Stack Wagon.

FORAGE HEADS: N.H. 717-S Direct-Cut for 770 & S717; 890 EN-2RN Snapper Head; 770-1R Snapper Head; 1, 2, & 3R Silage Head; NH 822, 2R for 770 or 890.

J.D. 8' Direct-Cut Head; 1, 2 & 3R Snapper Heads; 2 & 3 R Silage Heads, New & Used 5½' Hay Pickups; 7' Hay Pickups; 4-R Stalker Head - Real Nice; JD 243 C.H. w/adapter plate; 3 JD C.H. harvester adapter plates.

I.H. 2 R.N. Silage For 550-650.

FOX 2 CSB 2RW - Snapper Head; 263-2 RW; 215-109 Hay Pickup; 476 - 7' Hay Pickup.

GEHL HA 400 Pickup.

PLANTERS: (Used) 7000-6R Cons. Liquid w/No Till; 7000-4R Dry & Liquid; IH 800 Cyclo 8R 30'' w/liquid Fert., insect, & monitor; JD 4R Cons. w/Dry Fert. & Insect.; JD 7000, 8R w/Fert. & Insect; JD 1240 plateless, nice.

I.H. 800 Cyclo - 6R w/Dry Fert.; Ins. & Monitor.

WHITE 5100 - 6R Drl. w/Cult.

DRILLS: JD 8300 (Like New) 100 Acres; 21x7 D.D. w/Soybean Att; IH 510-16x7 S.D. w/Fert & Grass Seed; J.D. 8350 21x7 D.D. w/Fert. & Seed.

New JD 28' Hyd. Fold Rotary Hoe Under Dealer Cost; Used 400-15'.

GRINDERS/MIXERS: Brady 1050 Hydro. Gr. Mixer; JD 400.

IH 1150, nice.

BLOWERS: NH 27; JD 6500, nice.

TILLAGE EQ.: PLOWS JD 2 & 3x #845 Rollover; **I.H.** 5x16 Semi-Mount w/Spring Reset; **OLIVER** 546 - 5x16 Spring Reset; **I.H.** 720- 6x20 sp. reset; I.H. 700 - 6x16 Spring Reset; **WHITE** 549-7x sp. reset; **WHITE** 549 6x18 Spring Reset On-Land; J.D. 7x; M.F. 6x on land hitch; (2) JD 4x16.

JD 2500, 6x18 sp. reset. **(SOLD)**; JD 8450-4B Rollover Plow.

CHISEL PLOWS: JD 14' w/Gauge Wheels; Brillion 12' w/gauge wheels & harrow; Brillion 8' & 9'; I.H. 55-12'. **DISCS:** Miller 10' Offset; Hutch Master 9' Offset Disk; JD 310, 13'; JD BWA, 12; **A.C.** 25' Hyd. Fold; JD 230, 20' hyd. fold; JD 215, nice.

MULCH TILLERS: Glencoe SS13 Hyd. Fold Soil Saver; J.D. 1710 - 11'; Krause 2800 - 14'.

CULTIMULCHERS: New Dunham Lehr 13' at dealers cost; JD 3 pt., 12' Mulcher.

PACKERS: (New) Brillion - 12'; (Used) Brillion 10, 12 ft.

CULTIVATORS: J.D. RM 3 pt. 6R rear; JD 4 row 3 pt. rear; Case 6 to 8R 3 pt. hyd. fold cult.; Littleston 4R field cult. **J.D.** 1000-25' - Hyd. Fold.

MISC: I.H. #2 & 7 Shank V-Rippers; Glencoe Soil-Finisher 12'9'' - Like New; Howard 13' Rotavator; Bush Hog 7-Shank V-Ripper $1,650.

INDUSTRIAL: CRAWLER LOADERS: JD 450B loader; A.C. H-3 w/6 Way Blade; A.C. 500-21' Forklift; J.D. 840 Self Loading Scraper; Bobcat 722 Skid Loaders.

AC 715B L & B.; Clecteac crawler w/blade; Long 1199A, 3 pt. Backhoe, w/hyd. pump.

LOADERS & BLADES: J.D. 48 **(SOLD)**, 58, 148, 158, 36; **IH** 2350 2355 (New); Used 2001 New Great Bend 700; NI Loader; MF 246 Loader; I.H. 8' Blade Fits 400-560; (New) J.D. & I.H. Buckets; New Leon Heavy Front Blade for 4WD; Caldwell 7 & 8', 3 pt. blades; NI 4R shredders; Brady 4R shredder.

LAWN & GARDEN: IH Cub 154, Cadet 682; JD 950 dsl., real nice.

J.D. 318 w/3 pt., used 110 hrs.; JD 400 w/loader; AC 620 w/Mower.

J.D. 400, 314, 317, 300, 214, 212.

Trailer load of (New) Killbros Bins & Running Gears; Artsway 800B w/Elect. Scales - Like New, $5,850 **(SOLD)**; Feed-wagon; Bestland Rock Picker; Ford 3 Pt. 7' Sickle Mower; J.D. 350 Sickle Mower; (New) Sidewinder 213-13' Rotary Cutter; (New) McKee Snow-Blower Front-Mount; Tandem axle fert. spreader; NI sq. axle fert. spreader; JD Quick-Couplers; Sets Of Press Wheels For J.D. Drills; (2) New Sets J.D. 38'' Cast Whls. & Rim For 4640; I.H. Flat Top Fenders For 706-1466; CABS For Tractors - J.D., I.H. 66 Series; (New) Full Vision Cabs For M.F. 165 Thru 1135; J.D. & I.H. Front & Rear Wts.

Coming In: 30 ton new IH front & rear weights; MF (82) 850 4 WD Hydro w/16' Flex + 1163.

J.D. & I.H. Roll-Guards; Fast Hitch for 560 & 450; JD belly mowers for JD 850 & 950 etc.

Heavy Front JD blade for 3020 & 4020, etc.; 30 sets of Dual Wheels.

STRAW CHOPPERS: For **J.D.** 4400, 6600, 6620, 7700; **M.F.** 510.

TRUCKS: I.H. Scout 4x4; DELTA 44' Combine Trailer; 1979 Polar AM 42' 6200 gal. milk trailer.

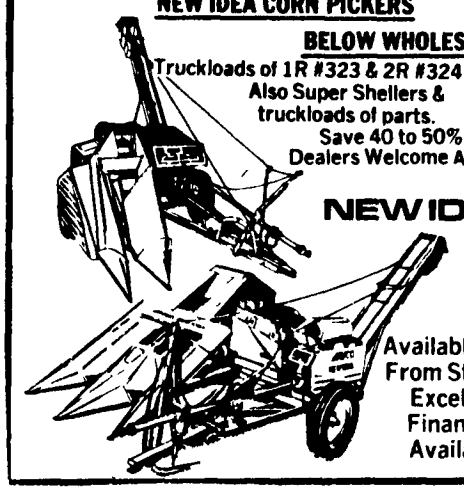
NEW

NEW IDEA CORN PICKERS

BELOW WHOLESALE

Truckloads of 1R #323 & 2R #324 Pickers. Also Super Shellers & truckloads of parts. Save 40 to 50% Dealers Welcome Also

NEW IDEA



Available Only From Stitzel's Excellent Financing Available

DECEMBER YEAR END SPECIALS

TRACTORS	
JD 2010 Gas Trl P S	$ 1,925
JD 4010 Diesel Trl P S	$ 3,950
JD 4620 w/Cab Good Cond	$ 9,500
JD 4230 Cab & Air Quad Range	$11,950
JD 4430 ROPS	$ 9,750
JD 6030 Cab & Air (175 HP) Nice	$12,950
JD 2940 w/Hi Lo 2 Post R/G	$12,500
I H 706 Gas Trl F H	$ 3,250
I H 606 Gas w/Loader	$ 4,250
I H 1206 W F E	$ 5 950
I H 1468 V 8 C A (145 H P)	$ 5 950
Case 1070 Power Shift	$ 4,900
A C 180 Diesel W F E Very Good	$ 4,950
M F 1100 Diesel w/Multi Power	$ 3,750
M F 1135 w/2 Post R/G	$ 6,950
Ford 9600 w/Cab & Dual Power	$ 7 450
COMBINES	
J D 6600 Diesel w/Cab & 15 Grain Good	$ 8,500
J D 6600 Gas w/Cab (Needs Some Motor Work)	$ 4,500
I H 203 w/13 G H & 227 C H	$ 1 950
I H 915 Diesel Hydro w/Cab 13 G H & 744 SOLD	$ 7 500
Gleaner E w/10 & 238 C H	$ 2,350
Gleaner L Diesel w/Cab (Corn Soybean Special) w/15 G H & 438 C H	$ 8 950
M F 510 Diesel w/Cab & Q T Grain	$ 5 875
TILLAGE EQ	
New Landoll 230 22 Hyd Fold Chisel List 11 000+	$ 7 450
New DMI 12 Chisel	$ 2 350
Used Brady 1000 14 Chisel	$ 1,500
IH 480 Wing Disk 20	$ 2 250
Kewanee Wing Disk 20	$ 1 350
MISC	
J D 336 W Baler w/Thrower Real Nice	$ 4 450
N H 280 Wire Baler w/Motor	$ 995
Fox Super D Self/Propelled Chopper w 2RW Corn head	$ 4 000
J D 7000 6R Plate Planter	$ 3 750
I H 400 Cyclo 6R Liquid Planter	$ 1 500
New 8 Heavy 3 Pt Blades	$ 575

MECHANICS SPECIALS: TRACTORS: J.D. 4230 P.S. - Trans; 4020 Tri; 4320 w/Cab.

I.H. 1256 - Motorwork, $3,950.

CASE 1410 - Motor.

WHITE 4-150 4 whl., needs motor work, $4,950.

OLIVER 1855, needs motor, $2,850; Oliver 1800 motor work, $1,950; ACXT190, clutch, $3,950; MF 1135 w/R.G., $6,950; JD 4520 w/Cab, $6,950; Farmall 1586 w/fire damage cab.

Largest Selection Of Farm Equipment In The East

Cowan Equipment
Martinsburg, PA
814-793-4293 Day or Evening

MM 1355	$5,500
JD 2350, 4WD	$14,500
JD 2940	$11,500
JD 2840	$8,500
JD 2640 w/145 SOLD er	$10,500
JD 4430, power shift	$8,750
JD 4430, cab, air	$11,000
JD 4230, cab, air	$11,000
JD 4030, cab, air	$10,500
JD 4520, power shift	$7,000
JD 4320	$8,000
JD 4020, power shift, side console	$8,500
JD 4020, power shift, 68 model	$5,250
JD 4020, 68 model	$6,500
JD 3020, wide front	$6,500
JD 3020, gas	$4,000
JD 3010	$4,500
JD 2510, wide front	$5,000
JD 2510, gas	$3,500
JD 450 Crawler Loader	$10,500
JD 100 Stacker, Like New	$3,500
White 2-150, cab & air	$8,500

USED TRACTORS
JD 7020; JD 4430; JD 8630
JD 4010; JD 3010
IH 1586, $12,500, cab, duals
IH 4586, $11,500, 4 WD, duals
IH 4786, $22,500, 4 WD, duals

COMBINES
JD 8820, 4 WD, 1981, $55,000, 222 flex
JD 8820, 4 WD, 1980, $47,000, 220 flex
JD 8820, 4 WD, 1979, $40,000, 222 flex
JD 7720, 4 WD, 1983, $55,000, 220 flex
AC G, diesel, both heads, 1971, $5,500
MF 750 1976, hydro, 18', $10,000
MF 750 1976, hydro, $6,000
Set of tracks to fit a JD 6600 Combine, $2,500

IMPLEMENTS
New Holland 520 spreader, loaded, used 2 days, $4,900
IH 5 shank V-ripper, gauge wheels, $1,700
Miland 10'6" offset disk, like new, $3,900
2 JD 1450, 6-16" plows, $2,500 each
JD 245, 7-16" on land, $2,500
A-C 8-16" plow on land, $2,500
IH 490, 30' disk, good, $7,500

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Case 1190
Case 800
Case David Brown 1200
SAME Leopard 85, 4WD, with Cab Enclosure
Case 300 Wide Front, Gas
Kubota L-1500 & L-2000, Both Completely Reconditioned

SKID LOADERS
Case 1845B Skid Loader Ex. Cond., 1984 Model
Gehl 4500 & 4600
Mighty Mac Skid Loader
IH 4140 Skid Loader
IH 3300 Skid Loader
IH 3200, Very Reasonably Priced!
Case 1830 Skid Loader
Case 1845 Skid Loader

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Hesston 1510 Tank Spreader
Knight 250 Box Spreader

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Case 580C Backhoe w/Roll Frame

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8 Ft. 3 Pt. Pittsburg
18 Ft. Oliver
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IH 550
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(3) Gehl 99 Blowers
Gehl CB400 Harvester
(2) Gehl CB600 Harvesters with Assorted 2-Row Heads And Pickups
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NI 329 Super Sheller
MF 260 Harvester
Hesston 3-Row Narrow Cornhead
IH 205 Combine

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IH Cub in excellent condition with 1 bottom plow, set of cultivators & snow plow. New Rubber
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Case 220 w/38" Mower
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UNTIL DECEMBER 31, 1986
TRACTORS, COMBINES, IMPLEMENTS
Many units cut below auction prices
"Don't stand out in the cold. Come into our warm shop and name your terms!"

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JD 4020 D w/WFE
JD 4010 D w/WFE
JD 3010 D
JD 3010 repainted
JD 720
JD 60
Farmall 460 D
Farmall 400 G & D
Farmall C
Ferguson 50 w/loader
Oliver 1855 D, new rubber
Oliver 1550
Oliver 500 D
AC 7080 D w/cab, air/heat, excell!
AC 7060 D PS w/cab, air/heat, only 1400 hrs.!
AC 7050 D w/cab, air/heat
AC 7030 D w/cab, air/heat
AC 7000 D w/cab, air/heat
AC 6060 D
AC 6140 D w/front end loader
AC 190 D, excellent!
AC 185 D, excellent!
AC 180 D
(2) AC D19 D
AC D19
AC D17 D
AC WD w/loader
AC WC
AC CA

MANURE SPREADERS
NH 676 w/hyd. endgate, 320 BU
NH 675 w/endgate, 300 BU
NH 518, 220 BU
NI 214, Liq pan, 210 BU A-1!
NI 218, w/hyd Endgate, Tandem, 300 bu
(3) NI 213, 177 BU
IH 550 w/endgate, 200 BU

COMBINES
JD 3300 Cab w/Air & Heat, 10' Grain Head, 238 Corn Head, excellent
JD 45 w/both heads
AC Gleaner N5 D w/cab, 15' grain & 630 corn heads.
1978 AC Gleaner M2 D w/cab, air, 13' grain & 430 corn heads
AC Gleaner M D w/hydro, 13' grain & 438 corn heads.
(1977) AC Gleaner F2 D w/13' grain & 438 corn heads.
AC Gleaner E w/cab, 10' grain & 238 corn heads.
AC Gleaner F w/cab & both heads
AC Gleaner CII w/4-row corn head
IH 315 w/cab, grain & corn heads
MF 750 D w/cab, air/heat, & 630 corn head.
NH 975 Gas w/cab & both heads
NH 890 R2 Snapper corn head
NI Uni-System 701 w/710 power unit, 10' grain & 2-row wide corn heads
NI Uni-System 702 w/717 combine, 4-row corn head
NI 702 Power Unit w/727 Husking Bed & 724, 3RW Corn Head, excellent
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NI 323, 1R Picker
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Ford 3B Plow, 3 pt.
Brillion 961 8' Seeder, pull type
Kewanee 10' Cultimulcher
IH 11 Shank 3 pt Field Cultivator
JD 16' Cultimulcher
Leinbach 6' Disc, 3 pt
IH 9' Disc, pull type
JD 1000 12' Disc w/Trans Harrow
JD 9' Transport Disc
JD 17 Disc Grain Drill

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MF 246 Loader w/80" Bucket
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Weaverline 224 Silage Cart, 30 BU., w/automatic charger, rebuilt!

CHOPPERS
NH 880 w/2-row corn & pick up heads
NH 770 w/2-row corn & pick up heads
(2) NH 717 w/2-row corn & pick up heads
AC 720 w/2-row corn & pick up heads
IH w/2-row corn & pick up heads
JD 35 w/2-row corn & pick up heads
NH 27 Blower
AC 63 Blower
Fox Brady 1440 Shredder

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BUY NOW & SAVE
New & Used Equipment In Stock
- Slurrystore® 42', 62', 70'
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- 100' Belt/Brush Feeder
- Badger 180 Bushel TMR Mixer
- New 2 - Goliath™ Unloaders.

Complete Dismantling and Re-erection of Used Harvestore® Structures

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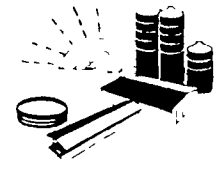

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We are now an Authorized Badger Dealer Fully equipped to do the job. Parts in stock and service trucks on the road daily.

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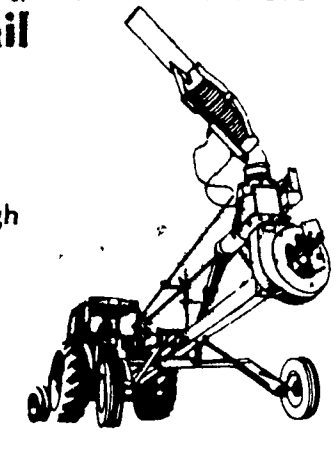

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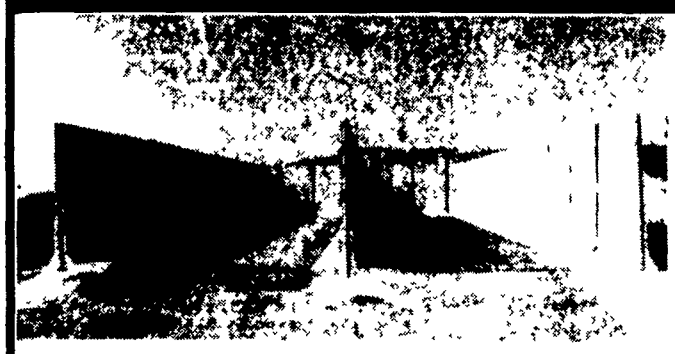

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"THE ECONOMICAL CHOICE"
STORAGE FOR ANY FORAGE
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The Sollenberger Pre-Cast Bunker Silo Panel Is Designed To Be Free-Standing. With The Tongue and Groove Edges, It Can Be Coated With Mastic & Bolted Together To Give An Air-Tight Smooth Wall That's Easy To Pack And "Keeps Feed Good." Delivered And Set On Your Prepared Gravel Base.

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- Can Be Moved, Or Added To Later.
- 8'6" high
- 5'2" Wide
- 5000 P.S.I. Steel Reinforced Concrete
- Adaptable To Headgates Or Self-Feeders.
- Very Strong
- Can Be Used For Retaining Walls.

- Manure Storage Systems For The Small Herd - or The 400 Cow Herds And Larger.
- Systems Adaptable To Any Type Equipment
- SCS Approved

"MANURE STORAGE SYSTEMS"

- Do It With Concrete -

- Pre-Cast Concrete panels Delivered And Set On Your Prepared Site.
- Circular Tanks Poured-In-Place Above Ground - In Ground - Or Uneven Backfill.

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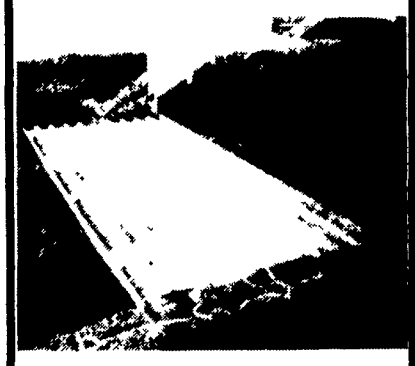
TWO SIZES TO MEET YOUR NEEDS: 12' & 16'

PUT AN END TO THAT PESKY CHORE OF OPENING & CLOSING GATES!

Delivered & Set In Your Roadway



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"YOU'LL APPRECIATE THE QUALITY OF A SOLLENBERGER SILO FOR MANY YEARS TO COME."

- Solid 6" Poured Concrete Walls
- Horizontal and Vertical Reinforcing Steel (Exceeds ISA Standards)
- Concrete Chute
- Redwood Doors
- Fill Pipe
- Outside Galvanized Ladder With Safety Cage
- Many Extras To Reduce Maintenance Costs For Many Years.

Make Plans This Fall To Provide The Best Possible Storage For Your 1987 Crops. Early Order Discounts Can Amount To Quite A Bit - And - You Can Be Assured Of Getting Your Sollenberger Silo.

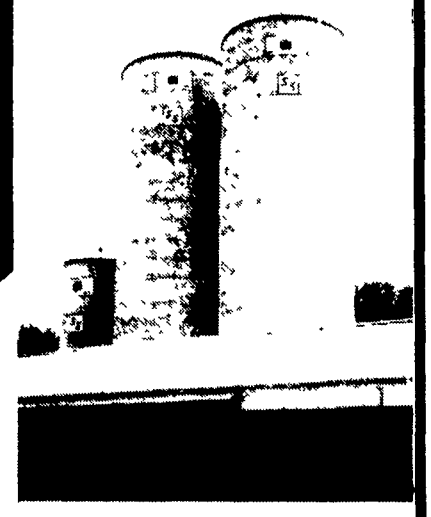
"WE HAVE SEVERAL SILOS SOLD FOR 1987 ALREADY"

"BOTTOM UNLOADING"

FORAGE & GRAIN SILOS

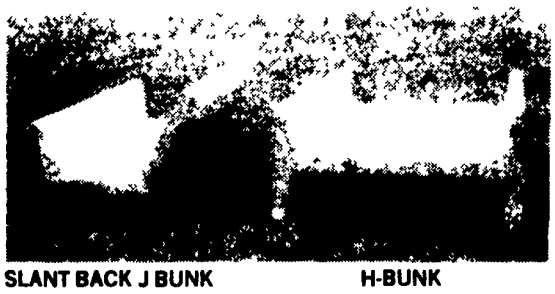
- Laidig 43-For High Moisture Shelled Corn - High Moisture Ground Ear Corn - And Other Grains
- Laidig 98 - For Grains And Forages
- Laidig 198 - For Those Big Silos And Tough Unloading Jobs.

- ✓ Smooth 6" Poured Concrete Walls
- ✓ Sure-Seal Filling System Opens And Closes From The Ground -
- ✓ Safety Rail Around The Poured Concrete Roof.
- ✓ Enclosed Gooseneck
- ✓ Many Other Features



PRE-CAST CONCRETE FEED BUNKS

You Spend A Lot Of Time And Money Producing And Storing Your Good Feed Crops. Don't Just "Get By" With A Feeding Bunk That Wastes Feed Or Is About Worn Out. Your Best Choice For A Feed Bunk Is Pre-Cast Concrete.



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2 FARM EQUIPMENT WANTED

WANTED: 3 bottom rollover plow. Also JD 435 dsl. tractor. 215-445-6156.

WANTED: Corn Cracker, in working condition. 301-778-0935

WANTED: Corn picker NI 325, narrow, 2 row, 12 roll husking bed, good condition. Topema Farms, R.D.1, Box 28, Avella, Pa. 15312. 412-587-5729

WANTED: Waukasha motor, model 195-G.K. gas, good condition, fits Michigan 125-A, rubber tire loader. Hunterdon Co. Flemington, NJ. 201-782-3671

Wanted: Used Deutz 2506 or 4 WD 4006 to 6806. 716-593-5369.

WANTED: Used Case 655 self propelled windrower for parts, engine not essential. 717-836-4228 Days, 7 a.m. to 4 p.m. 717-836-1281 Evenings, 4 p.m. to 8 p.m.

WANTED: Used NH auger base, 3 row narrow low profile corn head. 302-398-8754

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10x50 Lancaster Silo. Jonas S. King, 329 Centerville Rd., Gordonville, Pa. 17529.

1975 20x80 harvestore silo with Goliath unloader. New chain, white roof, good condition. Berks Co 215-562-3152.

3 SILOS AND UNLOADERS

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10 Ft. Silamatic Silo Unloader - Used 1 Year
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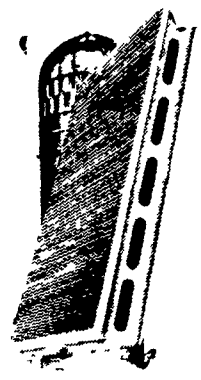
MADISON SILOS



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- Madison Silos — Starline Unloaders
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UNADILLA WOOD SILOS

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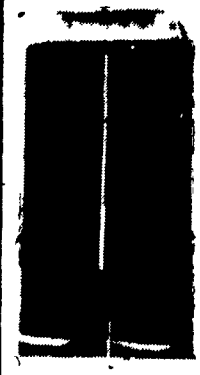

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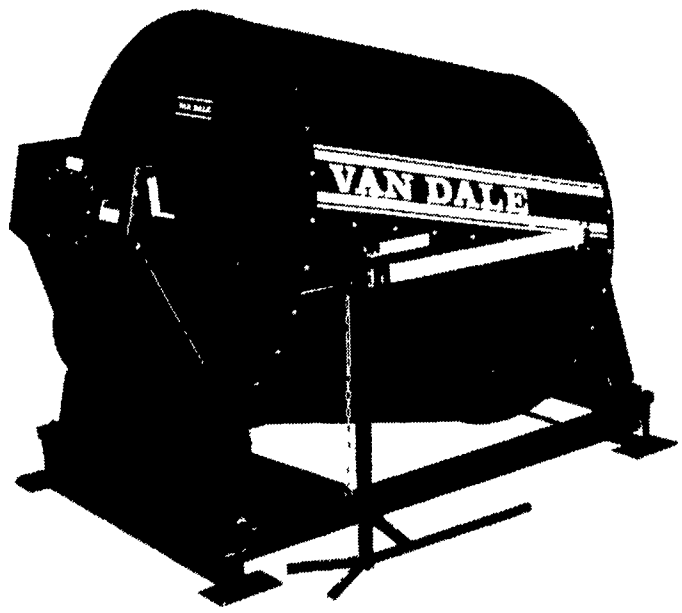
The Totally *NEW* Designed
ORBIT-MIXER
EXCLUSIVELY from VAN DALE



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New Van Dale & Supreme Hanson Unloaders
In Stock Ready For Delivery Today.
All Kinds Of Used Trade-In Silo Unloaders

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Steiner 216 Tumble Mixer w/Digital Scales..... $7,250
Demo Ear Corn Mill..... $6,500
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Evenings 717/285-5889

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1-60'x16' Lancaster silo, 1972, with safety cage
1-50'x10' Terre Hill silo, 1945
Offered for sale. Buyer to disassemble and remove.
Located at barn north of Stauffers of Kissel Hill Store, 301 Rohrerstown Rd., Lancaster, PA.
Contact Jim Stauffer
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— OR call —
717-656-2591
for details
Make Offer

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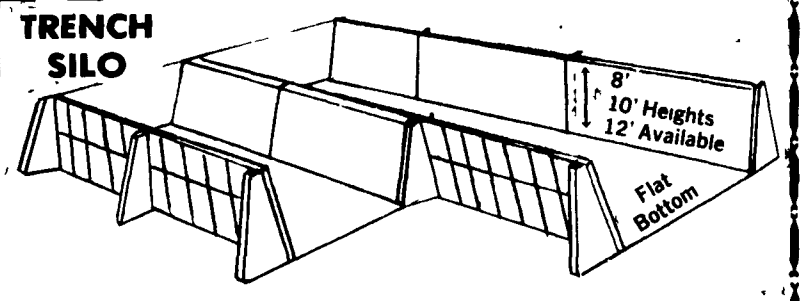

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Movable And Expandable

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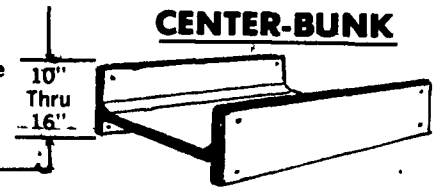

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To All Of You From All Of Us

HAPPY HOLIDAYS
And
Best Wishes For 1987

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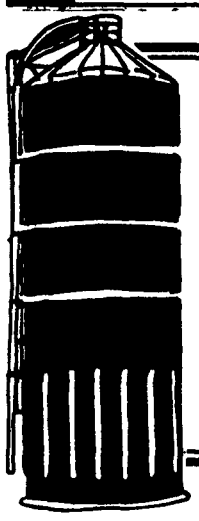
3 SILOS AND UNLOADERS



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NEW Configuration Stainless Steel
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on Stock
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20x70 Harvestore, 1974, white roof, Goliath unloader. Westmoreland. 412-238-6350

2 Grain silos, 20' diameter, 32' high, $3,000 each. Located Columbia Co., RD2, Box 71-B, Orangeville, PA 17859. 717-683-5221.

Harvestore silo 20x60, good condition. $5,800. 717-786-2839.

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Tear down and rebuild extensions silo roofs permanent pipe distributors unloaders, feeders We specialize in Replastering Silos
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Special Price on Wisconsin Channel Drain roofing & siding, 14', 18', 22' and 24' length, $38 per sq. All other sizes and colors, $40.50 per sq. Galvanized $30.50 per sq. 215-445-6885.

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All aluminum pole barn 30x45', 12' high, A-frame, roof, Agway brand sliding doors, one end, pass through door on side, $2,500. 215-757-7646 Bill or Tom.

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FOR SALE: Hemlock, Pine, Oak building lumber, tobacco rails, surfaced pine siding boards 1x6 to 1x12 to 16', 2x6, 2x4, 2x8 on hand. 5/4x6 fence boards. Special orders sawed. We deliver. Stoltzfus Sawmill, Melvin Stoltzfus, Box 80, Rebersburg, PA 16872. 814-349-5158.

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POLE BARN - Complete Material Package, 24'x40'x8' w/painted steel & doors, ONLY $2,452.00 Many other sizes available. Call PACKAGE BUILDING SUPPLY, 717-354-7630

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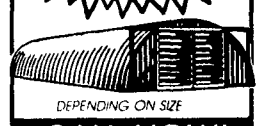

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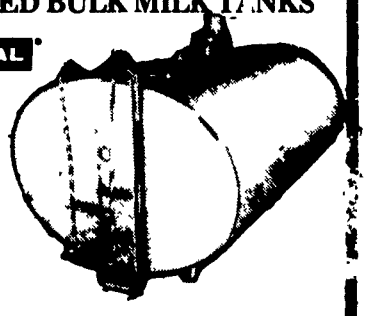

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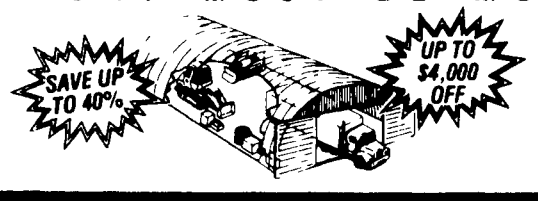

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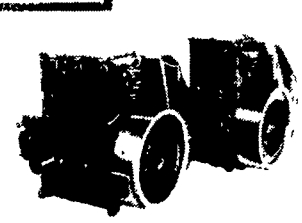

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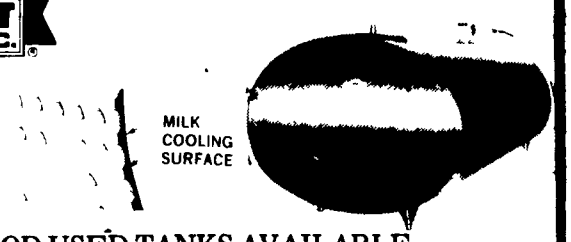

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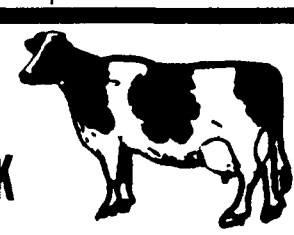

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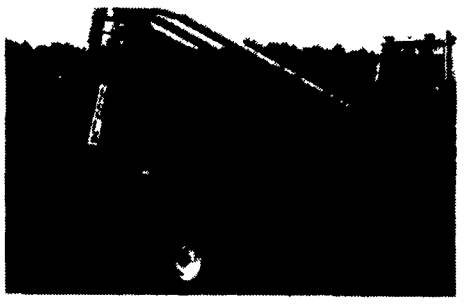

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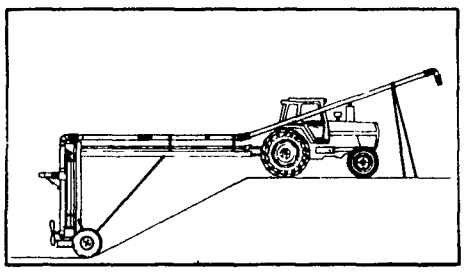

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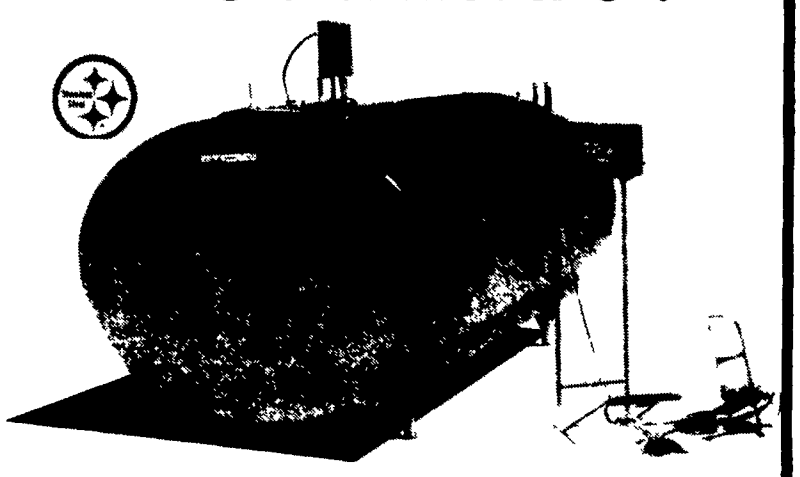

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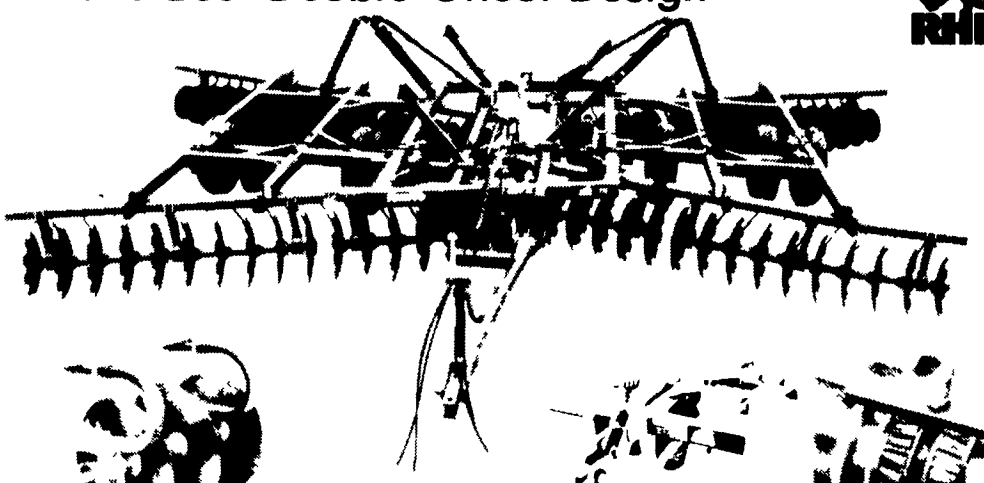
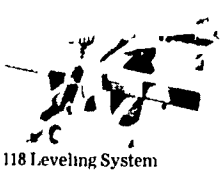
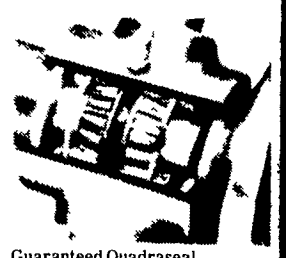


118 Spring Bearing Hangers



118 Leveling System



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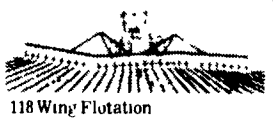

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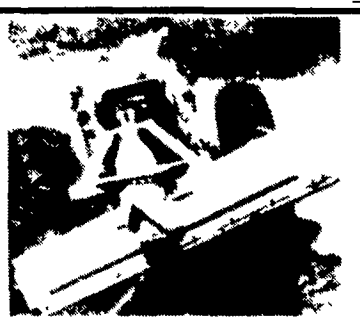

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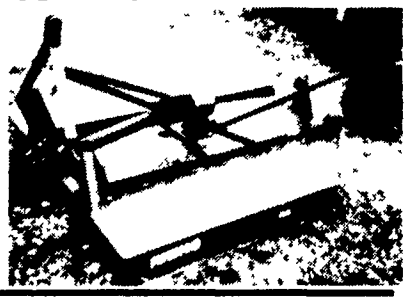

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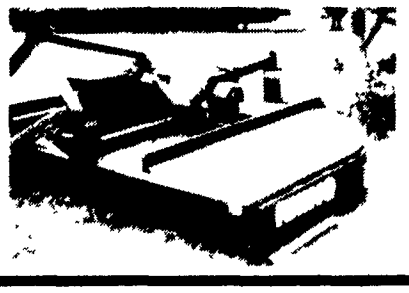

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Brothers Wins National Chianina Honors

PLATTE CITY, Mo. — The 1986 ACA National Show brought more than 300 livestock entries to the 1986 North American International Livestock Exposition, $5,000 in national show premiums and enough spectators to keep the galleries full during both days of national show events.

Truly a national show, nearly 200 exhibitors representing all nine ACA regions were in Louisville Nov. 15 through 20 for the Fourteenth National Chianina Show. Exhibitors from 27 states, including Alaska, and exhibitors from Canada, were in attendance.

Judge Paul Clapp, Searsboro, Iowa successfully managed his task to select the 1986 ACA National Champion bulls and females. His selections were Triple A Amos, grand champion black bull, HB Head on 27T, grand champion white bull; BC Miss Flashblack 2, grand champion black female; and VF Miss Reflection, grand champion white female.

Clapp found both champion bulls in the junior entries, as both were first named junior champions before stepping out to win the top honors.

Champion white bull, HB Head On 27T, was shown by Campbell Cattle Co., Cedarville, Ohio. A burst of applause from the galleries indicated broad approval for Clapp's selection of the 3-21-85 HB Headliner son.

Robert Duis, Donovan, Illinois also won top honors with his black junior champion, Triple A Amos, a 4-12-85 Walco Ky Colonel son. The champion black bull is reported to have gained 5.7 pounds per day for the 43 days immediately preceding the national show. Show day he weighed 2,013 pounds.

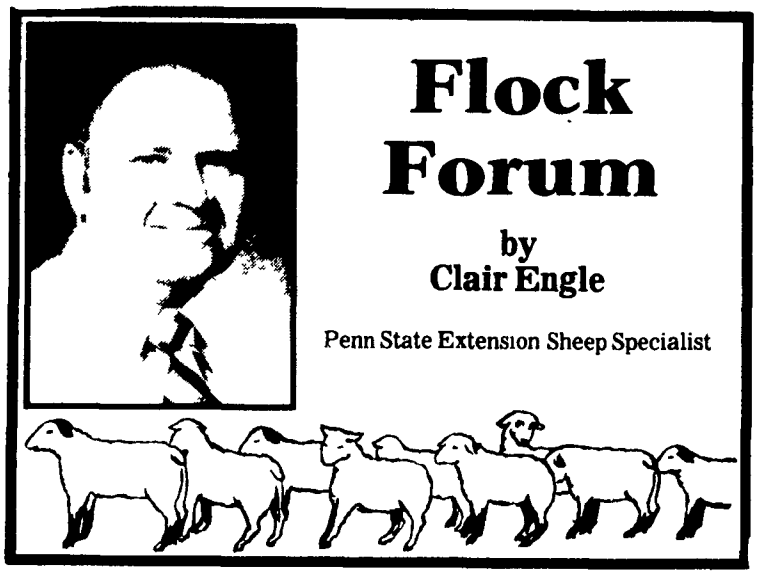
White female honors were claimed by the senior champion owned by Ventura Farm, Ken Geuns, Bath, Michigan and Amy Shearer, Milan, Michigan. VF Miss Reflection 505 is a 4-11-85 Rocking Arrow Replay daughter.

Black champion female, BC Miss Flashblack 2, also named senior champion is owned by Celena Miller of Gainesville, Georgia. She is a 1-24-85 daughter of Flashblack.

Karen Brothers (at halter) of East Berlin, showed reserve champion white female at the National Chianina show.

In the white female division, LVF Falira 5T, owned by Karen Brothers, East Berlin, Pennsylvania claimed the reserve senior and reserve grand champion titles. She is a 5-3-85 daughter of Faletto's Image.

Reserve champion black female and calf champion honors were taken by Wendy Butler, Blairstown, Iowa on BXW Street Liberty 166. She is a 3-5-86 daughter of Lautners Black Advantage and GW Black Webb ET 103.



Is The Tail Wagging The Lamb

A multibillion dollar beauty contest, a spectator sport, a business, an important factor in food production; livestock evaluation is and has been all of these.

Sizing up the livestock shows, and in this situation the show ram, ewe or market lamb, we do not have quite the glamorous aura of beauty pageants or major sporting events, but almost. It undoubtedly is, however, one of the larger "contests" going on in the country. And yet after decades of study and mountains of data showing the benefits of performance testing, we as an industry (including our other red-meat competitors) still stick primarily to "eyeball appraisal" along with some unusual "professional" instincts when it comes to selecting and promoting the genetics of future breeding stock.

Some of you by now are asking, why talk about it, it is just a fact of life. Today, yes, but I am not sure how much of such continued manipulation and luxury we can afford and yet survive as an industry.

These thoughts come from a concern shared recently by a young dedicated Pennsylvania commercial sheep producer who want to expand his operation. He shared his frustration in search of some purebred breeding stock that could most efficiently produce commercial replacement stock. Was he selecting and breeding F_1 individuals that, when exposed to a terminal cross sire, would give him an acceptable lamb in today's market place?

I assured him, I thought, that there are a good number of purebred breeders who seriously try to meet the needs of commercial producers. But there are a few also who either do not know or purposely ignore what the sheep business is all about.

Unfortunately, the latter group tends to dominate purebred politics. They "build" sheep — not to meet the needs of the industry, but to win trophies and purple ribbons.

Too strong? I think not, if we are serious about producing a commodity that is acceptable to our consumer. "You know," he said, "it seems like a tail is wagging the lamb." I was listening well when he blurted out. "If you educators want to do something to really help the sheep business, find a way to outlaw sheep shows and get rid of those bureaucrats who insist on subsidizing such activities. It is a bit ludicrous when you think about it. If we could just once define and apply those basic production and marketing tools that will permit the sheep industry to grow and remain competitive."

I might not go that far, even if the two of us and a sympathetic politician had the political clout to master the occasion. Livestock shows were invented basically as an informal educational tool. If we will define and promote those areas with educational worth for our industry's clientele, both adult and youth — then they will continue to have value.

I do not believe we can totally blame the showring, although I do think the industry would be better off if some of those top place meatless wonders were neutered before they made it to Nationals. We later find these same critters produce offspring that need a feed bucket around their neck in order to stay alive. There is nothing wrong with hauling sheep across the country, dressing them up like clowns, and parading them around the ring, providing you don't have the image of serving some kind of useful function.

If you regard the showring routine as a completely separate aspect of the sheep business and do not get to believing you are doing the sheep industry a service, then it is lots of fun and we can all enjoy it. That is all fine if we do not get more serious than that.

Traits that count can be measured. Aside from structural soundness, if a trait does not have such identity its economic worth is questionable. One common trait both purebred and commercial sheep producers could focus on for survival, in my opinion, is pounds of lamb and/or wool per ewe per acre per production season.

It is time both segments of the sheep industry get down to some dollars and cents reality. Time to stop pretending the showring can do the same job of selecting durable traits that require careful planning, measurement and throughtful analysis of records Time to separate pageantry from business!

Next month we will discuss performance testing on the farm, and the value of some basic records for breeding, selection and culling.

Lamb Prices Break Tradition In November

DENVER, Colo. — Lamb price increases broke tradition during the Thanksgiving sales period, a time when retailer and consumer attention is primarily focused on holiday hams and turkeys. Tighter lamb supply, fewer heavyweight carcasses and more lamb retail features contributed to the rise in lamb prices despite a strong turkey market, according to the American Sheep Producers Council.

Turkey stockpiles were high at the beginning of November, 12 percent above 1985 and 31 percent above 1984. Retailers normally start putting turkeys away in April in anticipation of the Thanksgiving holiday. Even with the higher turkey stocks, movement at Thanksgiving was reported to be quite good.

East Coast wholesale prices recovered in late October from an eight-week downturn. Prices were steady to firm during the first two weeks of November at $1.40 for 55-pound and down carcasses, $1.35 for 55-65 pound carcasses and $1.30 for 65-75 pound carcasses. In the third and fourth weeks, a time when retailers concentrate heavily on turkeys and lamb prices normally suffer, wholesale lamb prices increased five cents each week for all weight ranges. By the end of the month, East Coast wholesale prices were quoted at $1.50 for light carcasses, $1.40 for middle weight carcasses and $1.35 for heavier weights.

Wool trading was slow during November with only a few reported sales. Some fall shorn wool sold from Idaho at 71 cents on 12 month 56's and 66 cents on lamb wool. A few loads of territory 64's were sold at $1.95 with 62's at $1.80 and fleece 54's at $1.25 clean delivered. Some lambs wool from the Imperial Valley was sold for 68 cents on crossbred 58's to 62's and 74 cents on whiteface 62's and 64's.

New Compound Increases Muscle Growth In Lambs

ITHACA, N.Y. — Adding a new experimental chemical called cimaterol to the diet of young, growing lambs makes their muscles grow like those of weight lifters, resulting in more and dramatically leaner meat.

Cornell University scientists who tested the chemical on lambs say that consumers may be able to buy lamb with significantly less fat in the future.

Donald H. Beermann, an animal scientist in the New York State College of Agriculture and Life Sciences at Cornell, made that prediction based on tests involving the use of the newly developed chemical on lambs. Beermann said he is convinced that cimaterol could become a major tool for lamb growers, helping them to be more efficient in lamb production. The Cornell scientist successfully produced leaner lamb by introducing small amounts of cimaterol to the diet of young, growing animals. American Cyanamid Co., an agricultural chemical and biotechnology firm, developed the chemical for use as a dietary supplement.

The chemical structure of this compound is similar to some of the naturally occurring hormones in animals, according to Beermann, who is the first university scientist in the nation to test the chemical on lambs. The hormone-like compound was added to the test animals' diet in an amount equivalent to one ounce for each 100,000 ounces of feed ingredients.

One of the two experiments conducted by Beermann involved 24 Dorset wether lambs. One-half of these animals were slaughtered after receiving the compound for six weeks, while the rest continued to have the compound for six more weeks.

In the second experiment, the chemical was fed to 32 Suffolk-Dorset crossbred ram lambs. Similarly, one-half of the animals were slaughtered after five weeks and the rest received the compound for an additional five weeks. Ten to 12 weeks are normally required to bring young lambs to slaughter weight of 85 to 110 pounds, depending on breeds.

Beermann said the chemical consistently improved carcass yield as well as carcass composition (meat, bone and fat resulting in at least 10 percent more meat with much less fat.

"The total amount of muscle in carcass increased by 20 to 30 percent, while the amount of fat decreased drastically," Beermann

(Turn to Page D4)

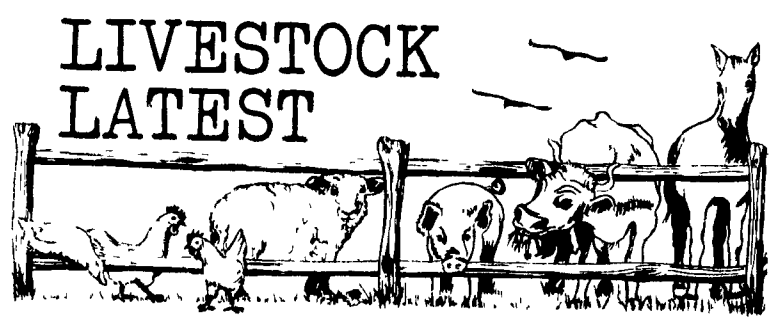
Satterfield Named To DHI Staff

GEORGETOWN, Del. — Otto K. Lange, president of the Delmarva Poultry Industry, Inc. (DPI), announced the appointment of J. William Satterfield of Dover, Del. to the position of executive assistant effective Jan. 1 1987. The vacancy will be created when the present executive assistant, Gerald B. Truitt, Jr., moves up to executive director on that date.

Satterfield has been in the communications field since 1975. Just prior to joining the DPI staff, he was farm news director for radio stations WSBY/WQHQ in Salisbury, Md Before joining these stations, he was associated with WKEN radio in Dover, Del. where he supervised the news department, handled advertising sales and programming. During this period he was also Delaware news reporter for WCAU radio in Philadelphia, Pa.

Satterfield is a graduate of Dover High School and received a B.A. degree from Wake Forest University.

J. William Satterfield



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New Compound

(Continued from Page D2)

said. "Most of the increase in muscle was in hind legs, up by 19 to 33 percent in both experiments, while loin muscle areas increased in size by 25 to 30 percent."

The Cornell scientist noted that loin eye areas in cimaterol-fed animals reached normal size five to six weeks sooner than those in the control animals. More important, cimaterol reduced the amount of fat in carcasses by 32 to 66 percent in the Dorset wethers (castrated lambs) and by 30 to 38 percent in the Suffolk-Dorset ram lambs.

"Even the fat within the muscle decreased by about 50 percent," Beermann said.

His findings also include:

- The animals did not grow any bigger than normal. Thus, the overall size and weight of the animals at slaughter were within the normal range.
- Cimaterol had no effect on bone growth in terms of size.
- Feed consumption by cimaterol-fed animals was no more than usual amounts in both experiments.
- The health of the animals remained unaffected.

Results of the studies demonstrated that cimaterol significantly improves carcass characteristics as well as carcass composition, Beermann pointed out.

"Short-term and long-term administrations of this compound were equally effective in enhancing muscle growth and in reducing fat accretion in both types of lambs tested," he said. "These changes were achieved without altering growth rate, feed consumption or feed efficiency."

Just how cimaterol brings about these changes remains a scientific mystery.

"What's apparently happening is that more nutrients that are normally used for fat formation in the body go to muscle development," Beermann theorized. "It may work like bovine growth hormone, which mobilizes more nutrients for milk synthesis in cows."

The Cornell scientist said that it may be several years before this chemical will become available for commercial use because much more research is needed to find out how the compound works in animals.

379 Angus To Show At National Western

ST. JOSEPH, Mo. — Angus exhibitors from across the United States and Canada have entered their best bulls and heifers, totaling 379-head for the 1987 Roll of Victory (ROV) National Angus Show to take place during the National Western Stock Show in Denver, Jan. 16 and 17.

The open Angus female show will start Friday's activities off. Judge Jim Hough, Lakeville, Connecticut, and his associate judge Eric Rincker, Gormley, Ontario, will place the Angus cattle beginning at 8 a.m. in the Stadium Arena. The open bull show will take place on Saturday, January 17 at 9:00 a.m. in the Arena.

Judging of Angus cattle actually begins on Thursday, January 15 in the Stadium Arena at 9:00 a.m. with the placing of the Angus sale bulls. Doug Slattery, Burkett, Texas, will judge this event.

The National Western Angus Sale is scheduled for 1 p.m. on Friday, Jan. 16. It will be held in the Beef Palace Auction Arena adjacent to the cattle barns.

In addition to selling the 32 consignments, there is a possibility that some females from the open Angus show will sell and some flushes. Also, bulls from the open show may be added to the sale offering.

Dr. Doug Hixon, Laramie, Wyoming, will place the 17 heifers during the Junior Angus Heifer Show on Thursday, Jan. 22 at 3 p.m. The judging of the Junior Angus market steers will also take place at 3 p.m. The 14 steers entered will be evaluated by Dr. John Edwards, Fort Collins, Colorado.

The official Angus headquarters for the National Western is the Denver Marriott Hotel-City Center. Angus breeders can obtain special convention rates at the Marriott by contacting the hotel. The phone number for the Marriott-City Center is 303-297-1300.

Des Moines To Host World Pork Expo

DES MOINES — Iowa Governor Terry Branstad has announced that the National Pork Producers Council has selected Des Moines as the site of the first annual World Pork Expo. The event, in June, 1988, will combine a giant trade show involving all segments of U.S. agriculture, with "live" demonstrations of the latest technological developments now underway in the pork production industry.

A performance-tested hog carcass contest and performance-evaluated breeding stock show will also be held in connection with the show. All of the events associated with World Pork Expo will be at the Iowa State Fairgrounds.

NPPC president Ron Kahle, a pork producer from Kearney, NE, said the World Pork Expo "will be like nothing that has ever been seen in this country." Since the Iowa State Fairgrounds will allow considerable room to maneuver, "we will be able to demonstrate to producers such things as embryo transfer techniques, gene-splicing and other exciting aspects of biogenetic engineering," Kahle said.

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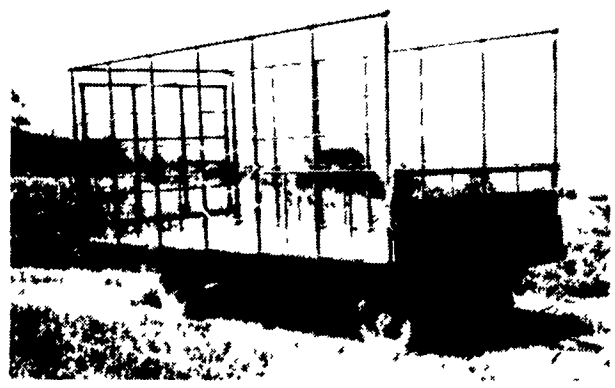

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PPF Names Communications Director

HARRISBURG — Michael Sheldon has been appointed recently to the position of Director of Communications with the Pennsylvania Poultry Federation.

A Harrisburg native, Michael's extensive media experience includes audio and video production, script writing, newspaper reporting, still photography and commercial radio broadcasting.

He holds a B.S. degree from the Pennsylvania State University and is currently working toward a Masters in Journalism and Public Relations.

Michael Sheldon

Francis To Address NY Convention

ITHACA, NY — John Francis, vice president of marketing for the Beef Industry Council of the National Livestock and Meat Board, will speak on the Beef Checkoff Jan. 10 at the annual convention of the New York Beef Cattlemen's Association at the Sheraton Inn, Ithaca.

Francis manages the development, implementation, and evaluation of the national beef marketing programs conducted by the Beef Industry Council. He assists and counsels Jay Wardell, senior vice president of the beef program, in all areas of beef program management. He also coordinates programs between the Beef Industry Council and the 38 state beef councils including the New York Beef Industry Council and acts as liason between the Beef Industry Council and the Beef Promotion and research Board.

The two-day New York Beef Cattlemen's Association convention begins Jan. 9 with seminars conducted by Cornell University staff on forage and grazing management and on marketing feeder and finished cattle. Burton Eller, National Cattlemen's Association vice president for government affairs and policy coordination will be the Friday night banquet speaker.

Information about the Convention may be obtained from Lee Kraszewski, RD 1, Box 120, Corning, N.Y. 14830.

Stay Current To Stay Afloat

BY RICHARD BARCZEWSKI
University of Delaware

NEWARK, Del. — There have been some major changes in the attitudes of the farm community since I first became involved with Cooperative Extension as a 4-H club member 14 years ago.

It used to be that any time a meeting was held on any topic ranging from marketing hogs to growing corn, a full house of growers was in attendance. Producers seemed more interested in keeping up-to-date and more willing to try new techniques. Today, however, producer attendance at meetings has dropped off drastically. Why?

Farming has been a boom or bust endeavor over the past 15 years. When things were going well, they were going really well. And when things were bad, they were really bad. Of course, we all know what the situation is now.

Hog producers currently are seeing some decent prices, thanks to reduced inventories and a stable demand. However, corn prices are down. As a matter of fact, they even dropped below $1 per bushel in the Midwest recently.

The real kicker is that most hog producers also grow crops. I personally know very few hog men who don't produce grain in addition to their hog operations.

In a year like this, the money you lose on your corn crop can't always be made up by the hogs. Cheap grain is only cheap when you're buying, not producing it. But having a diversified operation can sometimes result in a little profit or at least reduced loss, compared to a single commodity production system.

This year, for example, if it costs you 40 cents to produce a pound of live hog and the market price is 55 cents, you stand to net $34.50 on a 230 pound market hog. Now suppose you're marketing 2,000 hogs per year. Assuming prices were stable over that entire year (and we all know how unlikely that is), the net income from your hog operation would be $69,000.

That's a nice piece of change, especially considering prices in previous years and the bills you may have accumulated due to low hog prices in the past.

Remember what I said earlier? Most pork producers also grow grain. Let's just suppose that besides the hogs above, you also grow 300 acres of corn. Where would you stand now, financially?

In the parts of Delmarva where most of the hogs are raised, nonirrigated corn yields ranged from 0 to 50 bushels this year. If your average over the 300 acres was 30 bushels, that land produced 9,000 bushels of corn. Corn prices on the peninsula are currently running at $1.65 per bushel, so the gross income from that 9,000 bushels would be $14,850.

Now here comes another kicker. According to some cost of production figures I have in my files, it costs about $265 (including rent) to grow one acre of corn in this part of the country. Multiply this by 300 acres and it cost approximately $79,500 to grow that corn. Considering that you were only able to sell it for $14,850, you suffered a net loss of $64,650 on the corn.

In the situation I've just described, your net income for the total farm (hogs and corn) would be only $4,350 for the year. Things would have looked better in this specific example, if you'd produced more hogs or less corn. In another year the opposite might be true, depending on production costs and the market prices of corn and hogs.

Under the circumstances, it's easy to see why many farmers are apathetic about agricultural meetings. Times have been bad, and things don't look good for the next several years, either. But the key to surviving the current slump is to improve management and stay informed.

Farming is a business. And just as in any other business, you, the proprietor, must be aware of your production costs, average production and average income.

Keeping up-to-date with current management practices is also a must in any competitive business. I can't think of anything more dangerous to a farmer in financial difficulty than avoiding current information.

The hog industry is a volatile industry. Prices fluctuate, and new technologies lead to better feeding, housing and health practices. As a producer you must keep current if you intend to stay in business.

Keeping current won't guarantee you a place in the future of the hog industry, but it will reduce the likelihood of business failure.

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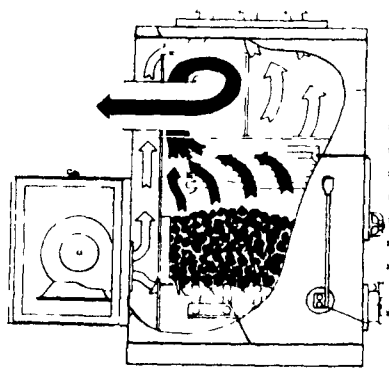

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Companies Nominated For State Agribusiness Award

HARRISBURG – Five well-known and highly regarded Pennsylvania agribusinesses have been nominated for the prestigious Pennsylvania Agribusiness Award for 1987, the state Department of Agriculture announced recently.

"The five nominees are among the best to be found in a Pennsylvania food and agriculture industry that contributes more than $35 billion to the state's economy annually," said Agriculture Secretary Richard E. Grubb.

The winner of the seventh annual award will be determined by a special selection committee and announced at the Farm Show Dinner on January 10 at the Harrisburg Marriott.

The nominees are:

• Kutztown Bologna and Country Fresh Foods of Myerstown, Lebanon County, meat processor and distributor of poultry, vegetable and seafood products.

• Kessler's Inc. of Lemoyne, Cumberland County, manufacturer and distributor of processed meats and cheeses to retailers, institutions and farmers markets.

• Gibble of Chamberburg, Franklin County, processor of potato chips and snack foods.

• The Daniel Weaver Company of Lebanon, Lebanon County, processors of bologna, scrapple and sausage products.

• Seltzer's Lebanon Bologna Company of Palmyra, Lebanon County, processors of regular and sweet bologna.

Nominees are selected from those businesses that participate in the Pennsylvania logo program administered by the Department.

"By using the logos, the five firms nominated have helped establish Pennsylvania's reputation in the marketplace as a source of quality products," Grubb said.

An estimated $300 million in food products were sold under the logos in 1985. Firms used the "Pennsylvania Agriculture – We're Growing Better" logo for intrastate goods, and the "Keystone Pride" logo for interstate marketing and processed food products.

"The commitment of our agribusinesses to producing and promoting quality Pennsylvania products is one reason agriculture is Pennsylvania's number one industry," Grubb said.

To qualify for the award, businesses must use either of the two logos on their label, package or shipping carton, or use the logos extensively in their advertising. Judges give consideration to longevity of participation in the program, the firm's overall effort to promote Pennsylvania products, the firm's marketing area, and the number of consumers reached by the firm measured by sales data.

The company must produce a high quality product that meets all state and federal regulations. Processing firms must use a specified percentage of raw Pennsylvania products in the final processed product, and merit points are awarded for additional use.

The three-member selection committee which met yesterday to select the recipient of the 1987 Agribusiness Award includes Clifford L. Jones, president of the Pennsylvania Chamber of Commerce; Everett R. Newswanger, managing editor of **Lancaster Farming** newspaper; and John McNelis, president and executive secretary of PGA Services, Inc.

Previous winners of the Agribusiness Award were Weis Markets of Sunbury; Park Products, Inc. of Valencia; Turner Dairy Farms of Pittsburgh and Konhaus Farms of Mechanicsburg tied for the award in 1983; the Pennylvania Cooperative Potato Growers Association; Bomberger's, Inc. of Lebanon; and Kutztown Bologna and Country Fresh Foods of Myerstown.

Fixed chamber on Case IH 3640 round baler ensures that bales develop a dense, protective shell.

Case IH Round Balers Feature Fixed Chamber Design

RACINE, Wisc. – The new Case IH Models 3440 and 3640 round balers produce high-quality bales that hold their shape and resist weathering.

These two new round balers have been engineered to produce 4-foot-wide bales so that two bales can be conveniently placed side-by-side in trucks. The Model 3440 ties 4-foot-by-4-foot round bales; the Model 3640 ties 6-foot-by-4-foot round bales. The fixed chamber design ensures that bales develop a very dense, protective outer shell.

The Model 3640 requires a minimum of 60 PTO horsepower for operation. The Model 3440 operates at 44 PTO horsepower with standard drive, or 35 PTO horsepower with an optional power reduction sprocket.

With fixed chamber design, hay enters the baler without compaction or restriction. Wide, endless bottom belts carry the crop to the back of the chamber where rear belts lift and roll the crop gently, applying firm compression only as the bale's outer shell is formed. This careful handling results in well-shaped, securely wrapped bales.

Case IH balers have open-end pickup that can pull in a wide windrow of crop without "hair-pinning." The small diameter pickup, with a working width of 59.25 inches, means crop lifting is shorter and travel to the chamber reduced. This results in less leaf loss and more feeding quality in every bale.

Either a hydraulic or an electric tie system is available on the Case IH balers. Both baler models have dual twine arms for faster tying.

The bale chamber hinge on the Model 3440 baler is angled so that no back-up is required to eject the bale. The Model 3640 is available with an optional trip gate that also eliminates the need for backing up.

Farmers Must Manage Money As Well As Crops

MOLINE , Ill. – In mid-1986 Deere & Company published a book, Farm And Ranch Business Management, intended for Vo-Ag classes. But farmers have found the publication to be a valuable financial management tool, and Deere has made it available through John Deere dealers.

"We did this because our dealers are continually getting requests from farmers for financial management information," explained R.W. Porter, director of sales branches. "Farmers want to know how to make their investments work for them.

"Sound financial management has become a priority. Knowing how to manage money makes the difference between success and failure on most farms. It's not enough to be an efficient producer of crops; efficient use of cash is just as important when it comes to making a profit.

"But as farmers reach to become better financial managers, they are having trouble finding practical information in a format they can readily use."

"Farming is in fact a business, and all businesses have to make changes in their operations from one year to the next. Farming is no exception. The key is knowing what changes to make and when to make them. No longer can a farmer be successful or prosperous without thinking ahead to develop an overall game plan.

"Farming can be profitable even in these times of lower commodity prices, but it may require a change in tillage systems, use of chemicals, application of fertilizer or any number of other management practices. Farmers have to become lower-cost producers, and to do this they need sound financial management skills.

"World agriculture is becoming more competitive. America is losing grain sales to competitors who are willing to sell for less. We can blame part of this on other governments' willingness to directly subsidize grain exports, but there are also new farming competitors in other countries who are farming more efficiently than in the past. This requires U.S. agriculture to change as well.

"There is also the need to stay ahead of the outside factors that can influence farm profitability. Two such areas that immediately come to mind are the 1985 Food Security Act and the 1986 Tax Reform Act.

"Both of these legislative packages can impact farm profitability, and that impact can be either positive or negative, depending upon how a farmer applies the ramification of these legislative acts to his operation. The results will show up directly in his profit and loss statement.

"Within the farming operation itself, I'd say cash flow has to be the most important consideration," Porter said. "If a farmer can show cash flow projections in which he can repay mortgages, debts or operating capital, then money is available. If he can't show such a plan for repayment, bankers are very reluctant to loan money, even if debt-to-asset ratios are strong.

"I think we'll continue to see tight cash flows in farming during the intermediate future, but I continue to hold a lot of confidence in the future of American agriculture. People are going to eat, and the number of people to be fed on this earth continues to increase.

"I am convinced that those American farmers who choose to stay in farming will be the most efficient producers that we have ever seen in the U.S. or in the world. Also, in my view, the family farm will continue to be the most prominent enterprise in the American farming sector."

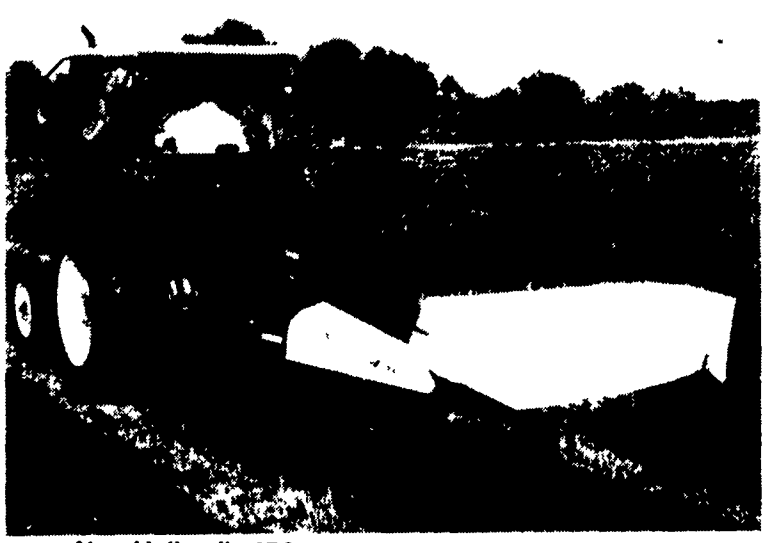
New Mower Effective In Heavy, Wet Crops

NEW HOLLAND – A new five-disc mower from New Holland, the Model 452, shares design features and both drive and cutting components with the larger Model 462. The new mower has a 6-foot-7-inch cut. It is designed for tractors of 40 HP and over.

Disc speed, like that of other New Holland disc mowers, is 3,030 RPM. Cutting knives are free-swinging and reversible. An oil bath cutterbar gear train drives the discs.

The new mower is a preferred choice for those conditions where a conventional sickle is limited, explains product manager Joe Weicksel. It is especially useful in heavy, wet grass crops grown in high-fertility fields. These crops tend to stay wet in the stubble area because of very thick growth.

The new Model 452 mower fits Category 1 and 2 standard 3-point hookup tractors.



New Holland's 452 mower cuts a 6-foot-7-inch swath.

Combined Premixes Approved For Feedlot Heifers

KALAMAZOO, Mich. – For increased weight gain, improved feed efficiency and heat suppression in heifers fed for slaughter, MGA 500 Liquid Premix and Rumensin premixes may be combined in a common supplement for use in preparing a complete feedlot ration, announces Bill Greve, product manager for The Upjohn Company.

The new label, approved recently by the U.S. Food and Drug Administration, provides for a dosage of .25 to .40 milligrams of melengestrol acetate (MGA) per head, per day combined with 5 to 30 grams of monensin sodium (Rumensin) per ton of air dried complete feed, when the two drugs are included in a single liquid supplement.

The two drugs may also be combined in a single dry supplement as approved earlier.

Previously, the U.S. Food and Drug Administration had given its approval for the combined administration of MGA and Rumensin in dry or liquid feeds when each additive is provided through separate sources. This approval includes a supplement containing MGA being mixed or top-dressed into complete feed containing Rumensin or a separate supplement containing MGA and another containing Rumensin being mixed into a complete feed.

Feed containing the two additives must be withdrawn 48 hours before slaughter.

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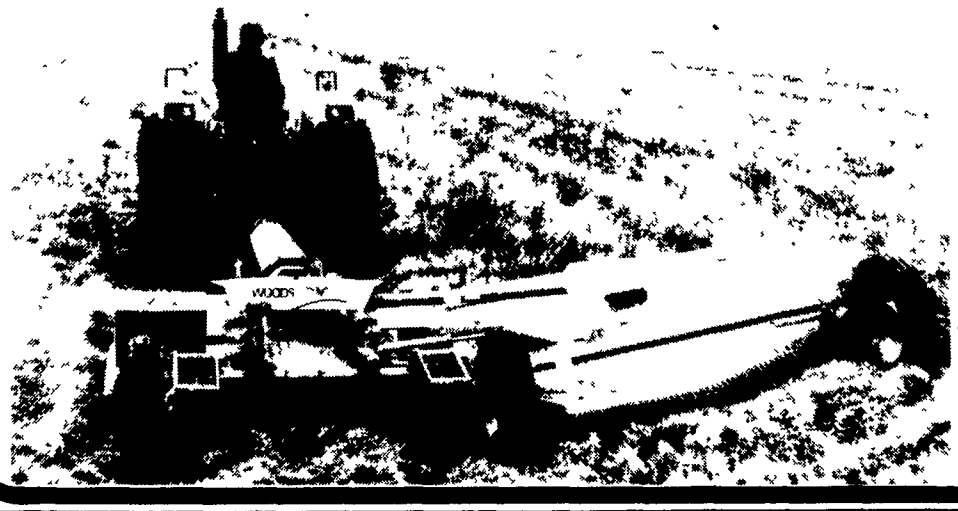

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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

Some Good News On Taxes

There is some good news in the new tax law. There was also some good news in what did not happen with the new tax law.

1. **Personal exemptions** will take a healthy jump, going to $1,900 in 1987, then to $1950 in 1988, and to $2000 in 1989. After 1989, they are supposed to continue to be adjusted for inflation.

2. **The standard deduction** will also rise in 1987, but on a much more moderate scale. For people who are married and filing a joint return, the standard deduction in 1987 will be $3760. Single people will have a standard deduction of $2540 in 1987. The big increase comes in 1988 when the married filing jointly standard deduction increases to $5000 and the singles standard deduction increases to $3000.

3. There is one bright note to take some of the gloom from the **over 65 group.** The 1988 rise in the standard deduction for those under 65 will occur in 1987 for those over 65. Also to ease the pain of losing their traditional double exemption, people over 65 and those who are blind will get an extra amount added to their standard deduction. $600 each for married people filing jointly and $750 for a single person.

4. **Tax rates** for most people will be either 15 percent or a combination of 15 and 28 percent. Unfortunately, this change will not take affect until 1988. For 1987, the rates will be in 5 brackets ranging from 11 to 38.5 percent. The only bad thing about this decrease in rates is the increase in rates on capital gains under the new law. That coupled with the loss of investment credit will probably mean that most farmers will actually pay more taxes in the future than they do now.

5. **Farm families** with taxable incomes below $15,000 in 1987 and $17,000 in 1988 may be able to offset part or all of their tax bill with the new increased "earned income credit".

6. Due to the treatment other **pension plans** received under the new law, farmers with employees may feel more inclined to start a SEP which is a sort of IRA for employees paid for by the employer. The employee can also contribute his or her own money to it. Amounts paid into it can be greater than amounts paid into an IRA.

7. **IRA's did survive** for farmers who have no other employer paid pension plan.

8. Farmers and other self employed business people can now deduct 25 percent of the cost of their own **hospitalization as a business deduction.** They should be permitted to deduct it all just like any other business can.

Speculation

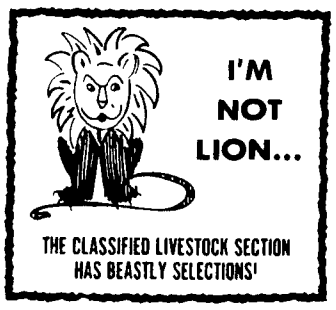
For the next 12 months you will probably see some activity on technical corrections to the 1986 Tax Reform Act. Then there will be a lull until after April of 1987. By the spring of 1988 we will probably see considerable action taken to make corrections in the bill. This might result in "loopholes" that will favor one or more designated high vote groups. There are already a few in the present bill. By national election day in the fall of 1988, we will have seen either a major overhaul of the new tax law or practically nothing. If there is no groundswell for a change, then we will probably get no significant changes for 5 or 6 years.

Coutdown Time

This is countdown time for me. My retirement is within sighting distance. In fact, there will only be two more farm management news columns by me as an Area Farm Management Agent. My 30-plus years in Extension have been enjoyable, quite satisfying, very challenging, sometimes frustrating, and never dull. My future plans are to become self employeed as a management consultant.

Future Columns

In my final swipe at my reading public, I intend to write the last two columns on financial management. For 30 years one of my goals has been to help farm families improve their living. In that time, I have seen many changes occur in agriculture. The one thing that has stayed constant during that entire period has been the need for good financial management. Today good financial management has become an even more critical part of management's role in farming. Financial errors that the market place tolerated by farmers who are now in their 50's and 60's will cause those in their 30's to fail. Somehow the younger farmers, who the country desperately needs as independent and viable business people, must learn that what was good enough in financial management for dear old Dad may well be insufficient for them.



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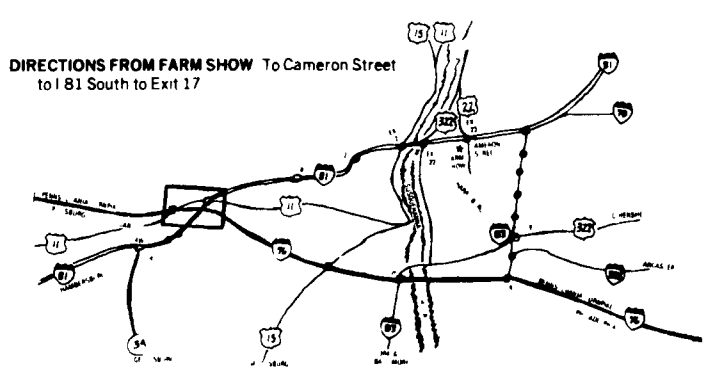

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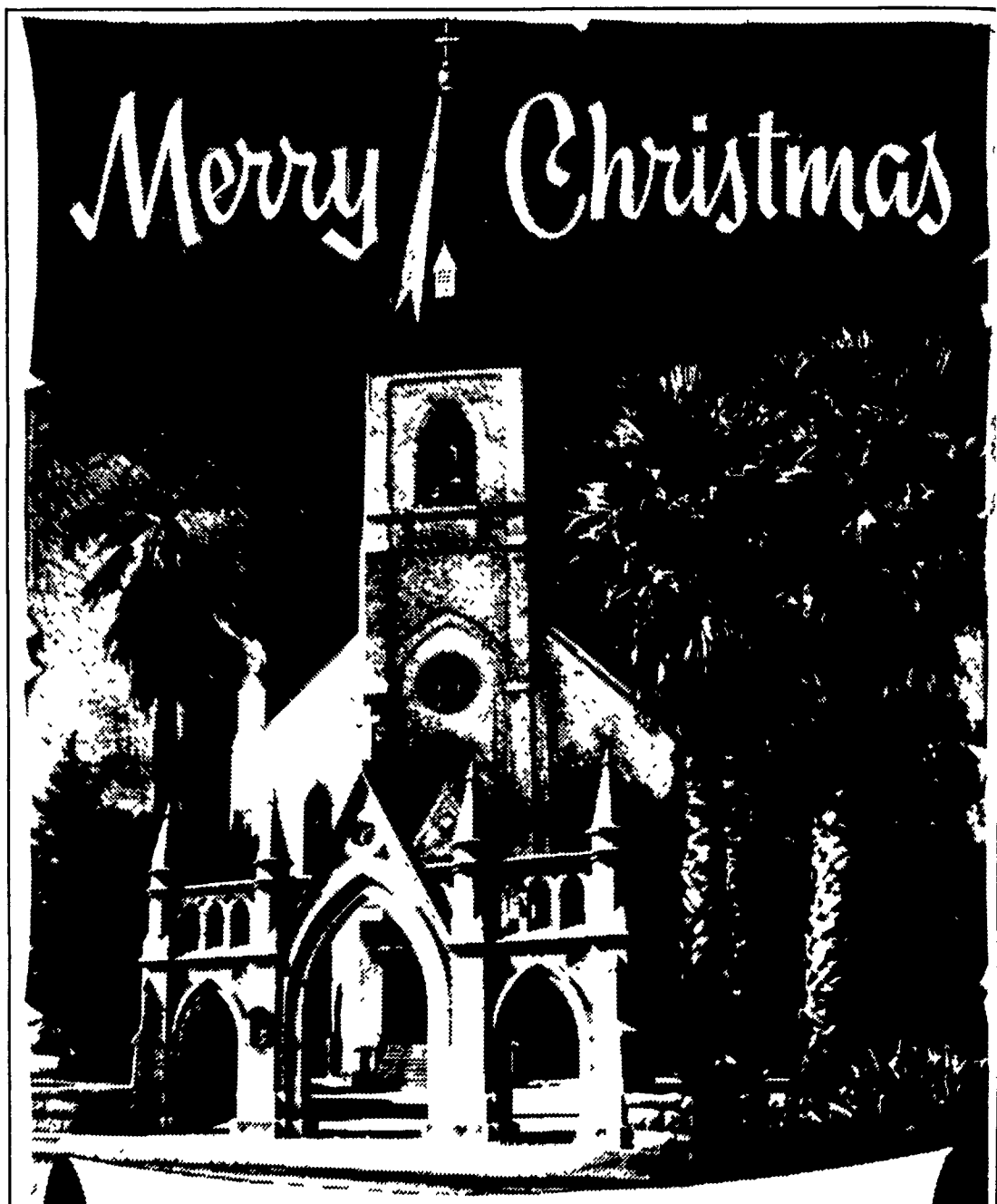

The wonder of Christmas strengthens the bonds of brotherhood, fills joyous hearts with peace and gives pause to us all as we look ahead with hope. Heartfelt thanks for your faith and trust.

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Grim Elected Secretary Of National Citizens' Group

UNIVERSITY PARK – Mary Grim, president of the Pennsylvania Council of Cooperative Extension Associations, was elected secretary of a national voluntary citizens group at the group's national meeting held earlier this month in Phoenix, Arizona.

The organization, called the Council for Agricultural Research, Extension and Teaching (CARET), is dedicated to the continuation and enhancement of agricultural research, extension and teaching programs of the land-grant university system. CARET provides a national forum for support of agricultural programs that are based in land grant universities such as Penn State.

CARET is composed of representatives from each state and Puerto Rico. The delegates are chosen by their respective universities to be representatives of their state's agriculture research and extension programs.

The organization was established in 1982 by the Division of Agriculture of the National Association of State Universities and Land Grant Colleges. CARET provides an opportunity for people to give visibility to their land grant programs.

For example, at the national level delegates present testimony in support of their land grant programs to congressional committees and executive agencies. Members also work with other national agricultural organizations.

At the state level delegates provide lay leadership and expertise regarding federal programs, the federal budget process, and national issues affecting agriculture.

Mrs. Grim currently is president of the Pennsylvania Council of Cooperative Extension Associations. That is the state organization that is made of representatives of county Extension Executive Boards. PCCEA advises Extension Administration on programs and priorities.

She is active in Adams County Extension programs and has been a member of the Adams County Extension Advisory Board. She and her husband Michael are the parents of two children and reside in East Berlin.

'Greenhouse Effect' May Boost Wheat Yields

MANHATTAN, Kans. – The recently publicized "greenhouse effect" may not be all bad, say some scientists at Kansas State University. They've found that increasing amounts of carbon dioxide – a major contributor to the warming of the earth's atmosphere – also is a "windfall" to winter wheat.

After two years of experiments, increased carbon dioxide helped wheat production. Also, plants in the experimental plots did not require additional water but seemed to conserve it as the amount of the carbon dioxide increased.

According to Utsab Chaudhuri, K-State agronomist, plants in the experiment produced more grain, grew bigger leaves, sent their roots deeper, and used water more efficiently as the amount of gas increased.

The research team grew winter wheat in plexiglas-covered chambers placed over large pots of soil called "rhizotrons." Root growth to a depth of five feet could be observed through a glass plate on one side of the rhizotron.

The chambers were infused with various levels of carbon dioxide throughout the growing season. Hard red winter wheat either received adequate water or was drought stressed.

All yield components, including protein and root weight, increased with an increasing amount of carbon dioxide, regardless of the amount of water involved. Grain yield increased by 60 percent for well watered plants getting the highest carbon dioxide concentrations; the yield increased by 55 percent at the highest gas levels even when the plant received less water, Chaudhuri said.

He explained that an enriched carbon dioxide environment increased yield for drought-stressed plants, and that less water was actually required to produce one gram of grain if gas level was increased.

The researchers presented their findings at the annual meeting of the American Society of Agronomy, Nov. 30-Dec. 5, 1986 in New Orleans.

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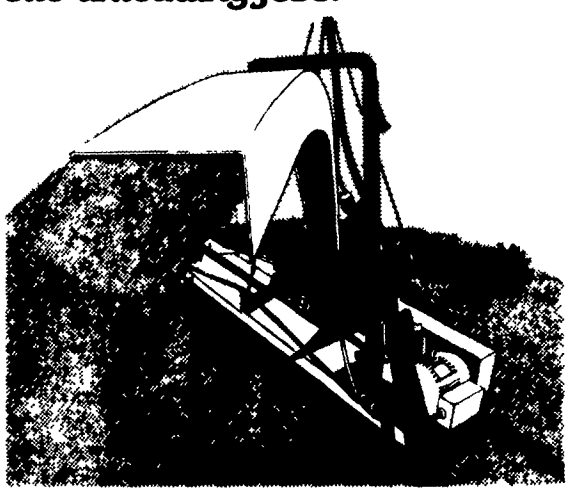
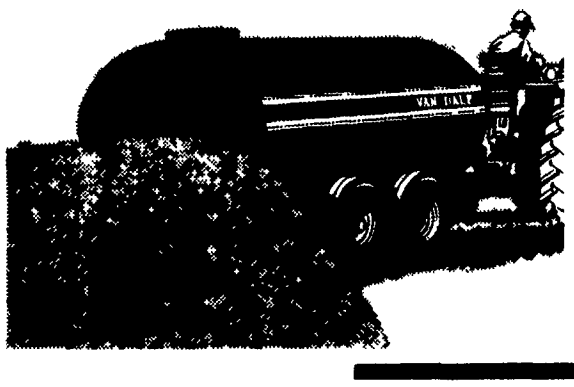
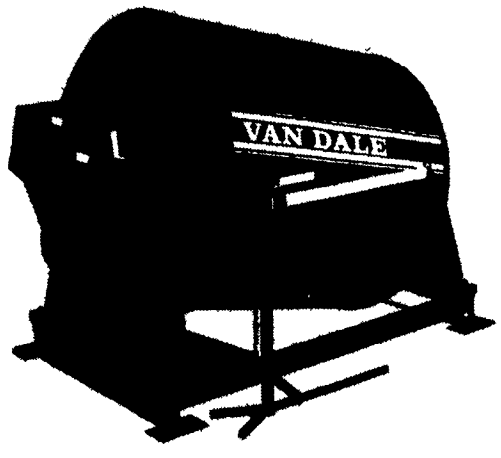


Performance for tough feed-distribution jobs:

Performance for tough manure-handling jobs:



Performance for tough ration-building jobs:



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Franklin County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

Franklin County DHIA November, 1986

A 3 year old Holstein owned by Hamilton Height Farm topped the Franklin County DHIA list with a completed lac tation of 26,084 pounds of milk and 1 100 pounds of fat

Name	Brd	No. Cows	Lbs. Milk	Lbs. Fat
Oakleigh Farm	3	117	21,013	799
Richard Harshman & Son	3	77	21 707	792
RV & SV Hollenshead	B3	101	22 451	790
Keith & Margret Clark	3	43	21 551	772
Long Lane Holstein	B3	12	20,467	768
Jaye & JC Young Jr	3	63	20 462	760
Howard & Steve Mellott	B3	112	20 867	752
Alvin Meyers	3	55	20,075	750
Edwin R Eby	3	59	19 633	750
Wayne A Hall	3	39	19,832	723
Roger Beck	3	75	17 724	721
Ray & Roger Garber	3	59	14,957	718
Frank S Heberlig	3	35	19,987	715
John Z Witmer	B3	38	20,341	714
Hamilton Height Farm	B3	166	19 522	708
Robert H Eckstine	3	44	19,114	707
Clinton Stahl	3	69	19 267	703
Carl O Stuff	3	52	19,554	701
Lester D Fortna	3	33	18 413	700
Mark W Meyers	3	87	19,504	696
Lawrence Lehman	G3	65	18 472	696
Keeners Dairy	B3	119	17 999	693
Mike Flannery	B3	76	19 320	689
Walter N Ocker	3	44	19,821	687
Harold Goshorn	G3	76	18,770	684
Aldus Eby	B3	55	20 202	683
Rodger T Kennedy	B3	66	19,341	682
Virgil Daryl Crider	B3	101	18,657	681
R Cordell & J McKenzie	B3	123	18,476	680
Gaymere Farms	3	187	18 232	679
Kenneth L Caufman	B3	47	18,121	676
Robert E Harwood	3	104	18 732	675

3 times a day milking

Listed below are completed lactations of 875 pounds of fat or over

Hamilton Height Farm 50	3	3 9	302	26 084	4 2	1100
Meyers Bros Dairy 127	3	6 1	305	28 419	3 8	1094
Alvin Meyers Jan 56	3	4 3	305	26 977	4 0	1077
Richard Harshman & Son Dedee 7	3	6 9	305	25 844	4 1	1061
Hamilton Height Farm 182	3	5 0	305	23 403	4 5	1044
Alvin Meyers Galds 42	3	5 9	305	25 045	4 1	1037
Mike Flannery 617	3	5 1	305	25 179	4 0	1019
Lester D Fortna Tippy	3	5 4	305	22 903	4 2	961
Oakleigh Farm Tress	3	4 11	305	22,116	4 3	956
Oakleigh Farm Edna	3	6 3	305	29,929	3 2	951
Hamilton Height Farm 80	3	5 1	305	25 774	3 7	951
H Lester Oyler Est Verd-129	3	10 0	305	26 773	3 5	943
John D Long Rose	3	4-8	305	23,520	4 0	941
Fred E & Dale Rice 511	3	4-2	305	24 355	3 9	940
Jaye & JC Young Jr Emerald	3	4 3	305	24,368	3 8	935
Burk Lea Farms 28	3	5-3	305	22,285	4 1	919
Richard Harshman & Son Lucy-4	3	5-0	305	27,191	3 4	919
Howard & Steve Mellott 198	3	4 4	305	21,083	4 3	917
Ro-Mar-Co Holsteins Kitty	3	6 4	305	25 305	3 6	914
Keith & Margret Clark Beth	3	5-0	305	21,291	4 3	910
Frank S Heberlig 36	3	4-9	305	24 629	3 7	905
Criderdale Farm Ivy 32	3	4 4	305	19,911	4 5	902
David & Frieda May 28	3	6 6	305	24 777	3 6	900
Howard & Steve Mellott 44	3	3 3	305	21 512	4 2	895
Ted Acres Holsteins 29	3	5 3	305	25 347	3 5	892
Richard Harshman & Son Hatty	3	3 9	305	23,368	3 8	890
Marvin L Zimmerman Elma	3	3 2	305	23 357	3 8	888
RV & SV Hollenshead 35	3	6 3	305	23 485	3 8	886
Hamilton Height Farm 117	3	3 2	305	19 799	4 5	884
Oakleigh Farm Marlu	3	4 2	305	24,337	3 6	883
Walter N Ocker Doris	3	4 5	305	25 634	3 4	883
Alvin Meyers Robin-67	3	3 6	305	20 070	4 4	883
Richard Harshman & Son Elvira 2	3	4 3	305	20 387	4 3	881
Oakleigh Farm Kitty	3	3 1	303	21 095	4 2	879
Keeners Dairy 11	3	3 1	300	20 891	4 2	879
Paul Benedict & Sons 23	3	4 8	305	24 736	3 5	878
Keeners Dairy 125	3	6 9	305	20 431	4 3	877
Thomas Horst 84	3	8 2	305	26 050	3 4	876

Clearfield County DHIA November, 1986

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	3 Fat X Lbs
Orner Farms Inc	B3	77 0	87 5	18,902	720
John Sankey	3	36 7	88 5	18,802	700
Duane Peters	B3	42 1	89 2	18,766	697
R Wriglesworth & Son	B3	54 7	86 9	19,359	693
Fairman Farms	B3	53 2	84 0	17,879	675
Lawrence Ecklund	B3	35 4	87 1	17 188	655

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dhia
Pennsylvania Dairy Herd Improvement Association

Montgomery County DHIA Monthly Report

October, 1986

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Harold K Halteman	3	71 9	89 1	20,508	742
Merrill Mast	B3	31 5	87 1	18,393	736
Durrell + Dawn Delp	3	46 3	87 4	20,897	734
Arlin Halteman	B3	71 0	91 0	18,895	705
Patty-Run Dairy Farm	B3	58 6	88 5	19,380	699
Fred Seipt Family	3	118 1	89 6	19,048	688
Richard A Bechtel	B3	73 2	88 6	18,805	686
Gehringer Bros	B8	51 8	88 4	18,966	685
Du Mar Farm	3	58 4	86 4	19,747	679
Edward N Wisser	G3	41 2	85 6	18,843	675
David P Longacre	B3	102 8	88 5	18,369	661
George Seneko Jr	3	60 6	90 9	18,801	659

The following cows completed lactations over 850 pounds of fat during October 1986

Durrell Delp					
Eva 3	3	9-3	305	29,527	976
Nell 28	3	6-1	305	27,384	1043
Pretz 15	3	5-3	305	27,266	854
Jay Renninger					
39D	3	9-3	305	26,301	888
62E	3	4-11	305	23,653	893
Harold Halteman					
Ruthie	3	6-2	305	34,414	1076
Valerie	3	4-2	305	21,359	878
Millie	3	3-11	305	30,112	1117
Arlin Halteman					
Cris 118	3	6 10	305	25,720	955
Richard Bechtel					
46Y	3	7 10	305	23,566	988
99Y	3	5-10	305	24,564	932
Gehringer Bros					
Minn 73	3	7-2	305	25,177	878
David Longacre					
Mercy	3	5-6	305	18,946	871
Madge	3	4-7	305	26,834	864

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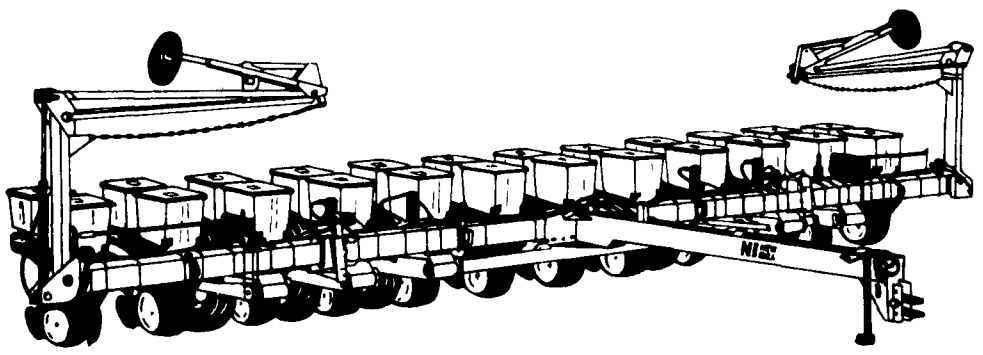

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Weevils Attack 'Sticky' Thistle Problem In Maryland

BELTSVILLE, Md. — Little French and Italian weevils are helping U.S. Department of Agriculture and state scientists catch up with runaway Carduus thistles — problem weeds nationwide.

The latest success is in Maryland where roadside test sites showed 95 percent of thistle seeds were destroyed by weevils that eat seed heads of the weeds, according to Jack Drea of the department's Agricultural Research Service.

Maryland joins Virginia, Pennsylvania, New Jersey, Missouri, Oklahoma, Nebraska, Colorado, South Dakota, Montana, and California, in successful releases of weevils for biocontrol.

Carduus thistles came from Europe in the 19th century, leaving their weevil enemies behind. They arrived from Europe as seed in packing crates, in soil used as ship ballast then dumped ashore, and in some cases, because of the attractive purple flowers, as seeds for gardens.

The thistles now pose a problem to 18 percent of the counties in the contiguous United States.

"It's required years of patience to collect, study and properly release European weevils as biocontrols," according to Drea, who is with the agency's Beneficial Insects Laboratory at Beltsville, Md. Since the 1960's, he says, scientists "have been chasing different types of Carduus thistles (such as the musk or nodding and the plumless thistles) with weevils brought from Europe."

The large, spiny plants invade and choke out livestock grazing land and highway plantings.

"Cattle don't eat thistles or reach for edible plants growing near them. And on roadsides, mowing thistles or spraying them with herbicides is too costly or impractical," says Drea, "so, biocontrol with weevils is our best bet."

Before scientists turn weevils loose, the insects have to first pass several years of tests for possible ill effects to local ecologies. Then, once cleared and released, the weevils need about 10 more years to build up numbers sufficient for biocontrol.

Biocontrol of Carduus thistles in North America began in 1968 with the first release of ***R. conicus*** in Canada after six years of study by scientists of the Commonwealth Institute of Biological Control, the Canada Department of Agriculture and the Agricultural Research Service.

The key to such biocontrol success, says Drea, is to use the weevils where herbicides are not effective or practical. "To get at thistles over open pastures, fallow fields, wasteland, quarries, roadways and railways, biocontrol is ideal. The weevils multiply and move through infested areas at no additional cost to taxpayers or farmers," he says.

The seed head weevil, ***Rhinocyllus conicus,*** was first released along Maryland and Pennsylvania roads in 1975-76 by USDA entomologist Suzanne Batra. The seed head is one of six other thistle-eating insects imported from Europe by U.S. and Canadian scientists.

That weevil is beginning to provide good biocontrol of musk thistle, ***Carduus nutans*** in Virginia, and Montana, according to Batra. It has also been established in California to contorl milk thistle, ***Silybum marianum.***

At a Maryland field day on thistle biocontrol in late summer, Richard C. Moffett, chief agronomist with the state's Transportation Department said they spend over $200,000 a year to mow and spray thistles along highways. Four years ago, the department joined the funding of USDA research at Beltsville, Md. that led to successful biocontrol at test sites and a transfer of further work to the state government.

Also in Maryland, Batra began releasing another imported weevil, ***Trichosirocalis horridus,*** in 1981. ***T. horridus*** eats young thistle leaves. Another imported insect since released eats mature thistle leaves, another bores into stems, and still others destroy roots.

"The idea," says Batra, "is to synchronize release of several insects to hit all life stages of the plant, which weakens their resistance to plant diseases, and also lowers the amount of herbicides needed."

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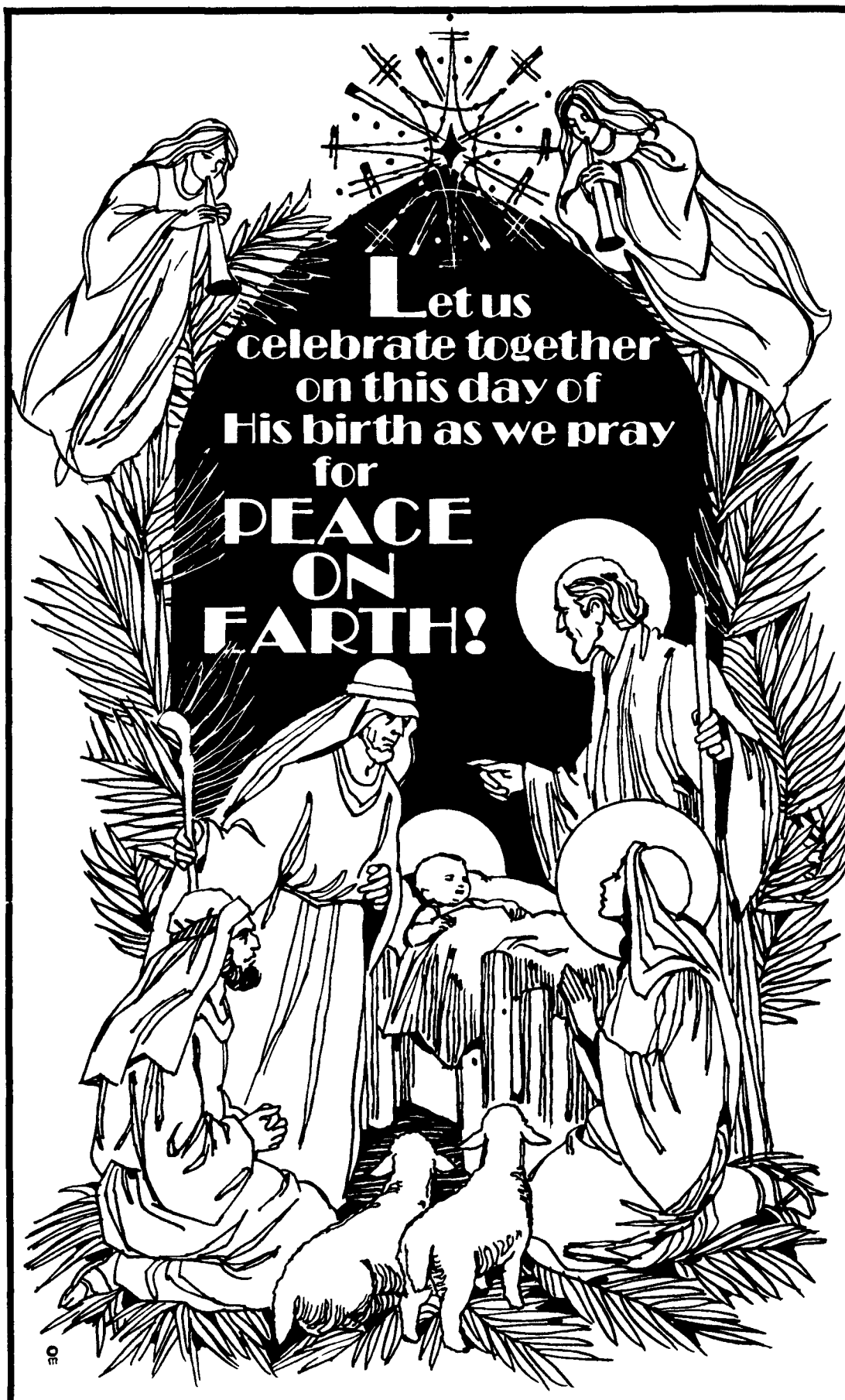

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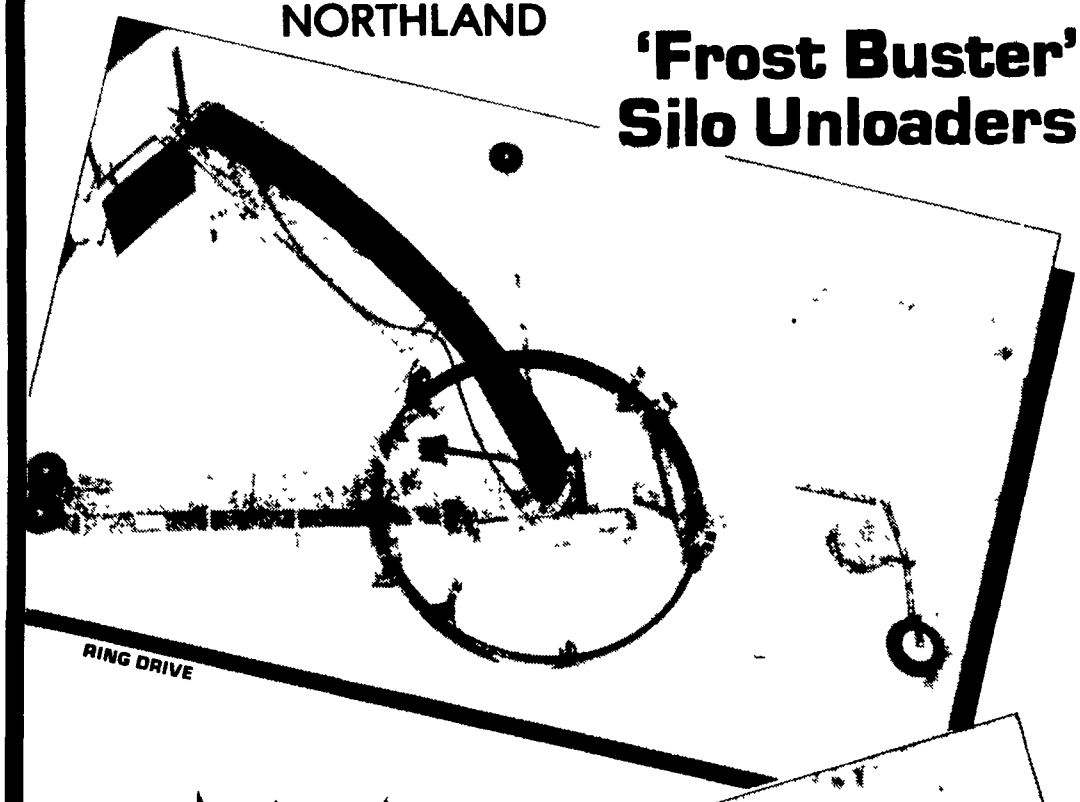

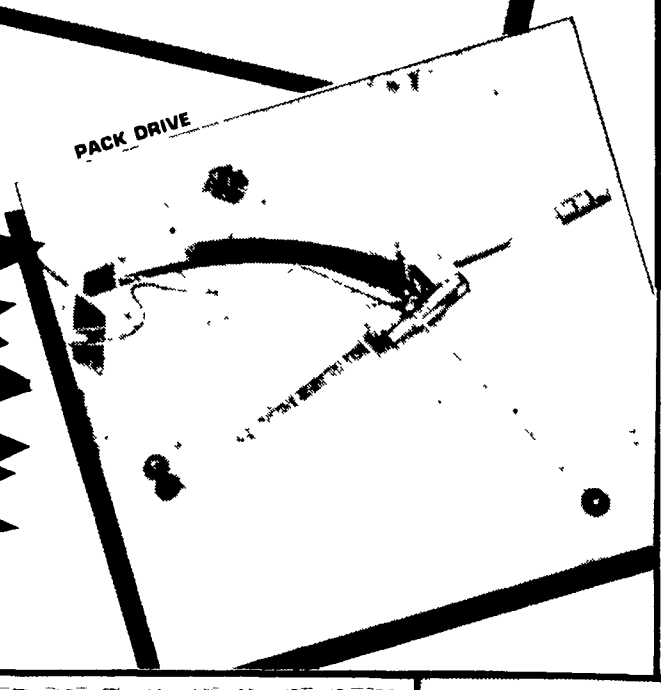

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Six Steps To Establish Control Of Farm Business

The Basics Of Management

(Part 1)

BY ROLAND P. FREUND
Area Farm Management Agent

A recent national survey by a prominent business magazine found that most people think a lot about money. It was not stated how many of the respondents were farmers, but we can probably assume that most farmers spend a lot of time **thinking** about money. The problem is that just thinking about such things does not make them happen. In farming today it requires the application of many skills to convert desires and even work effort into a financial profit for the operator.

Management, one of the least-practiced skills, is the process through which we convert thoughts and dreams about money into a working plan to get some of it into our pockets. Twenty years ago it did not matter a great deal how you went about planning — chances were good that out of each dollar taken in you would get to keep 40 cents. Today it takes very careful control to keep even 20 cents, and the situation is going to be much more difficult in the future.

Unless you are really prepared to manage your farm today, you may find that in a few years time you won't be **able** to manage to **farm.** Management is now a farm activity which is just as important as milking the cows, and time needs to be set aside for it. To be effective and productive we need to organize a management program for the farm — just like we have a cropping program or a feeding program (which, incidentally, are parts of the management process).

Management must be continuous, and like the seasons, it goes in cycles. In this series we'll not get into much of the detail about specific procedures, but let's take a cycle step by step and consider:

1. Analysing the farm situation
2. Setting Goals
3. Examining alternatives in a farm plan
4. Putting the farm plan into action, and the back-up plan
5. Keeping track of performance
6. Analyzing results and setting new goals

Every farmer has some form of management program in place, even if it's all carried around in his or her head. Hopefully this series of discussions will help you to examine your system, brush the cobwebs off, beef it up, and oil it, so that it can be the smooth-running control unit for a more profitable farm business. You never can tell — if you get it operating more profitably you might even have time to think about other things besides money!!

Step 1. Where are you now? or Analysing your farm situation.

Before we can improve, we must know our present situation, and take stock of all the resources that are available to us. We should know our strengths and weaknesses, and keep a record of these things so that in the future we can use this resource list as a baseline against which to measure progress through time.

Under resources we should list:

Family — not just as potential laborers, but the abilities and management savy of each member

Land — by productivity class, owned as well as rented

Buildings and Structures — condition, capacities etc.

Equipment and machines

Livestock — by groups and production levels

Crops — with yield potential and quality

Inventories of feed, fertilizers, and supplies, workshop tools etc.

Cash, bank deposits, shares etc., plus cash value of life insurance.

If we place a dollar value on each of these physical assets, we have most of our **net-worth statement** work done. With or without valuation, such a listing is important in the planning process, for these resources will largely determine what enterprises we can, or should not consider.

Unless we are very fortunate, we will also have **liabilities** such as: mortgage, loans and notes with the bank, family loans, dealer debt, charge accounts, and unpaid accounts, also other obligations like lease payments. These all need to be listed, with current balance and monthly and annual payments. For detailed steps in preparing a net-worth statement, contact your extension office of Penn State's Cooperative Extension Service, and ask for **Financial Management for the family farm** Volume 85, (Home study) No 6 - THE BALANCE SHEET . . .

A suitable time to do this **stock-take is at the end of each accounting year,** so that the balance sheet can be viewed along with the **farm profit and loss statement.** These together give a view of where we are, and will also provide a good indication of the condition of our business at the particular time. A good manager will not view the careful preparation of these documents as "boring tasks to satisfy bank loan officers."

From the results of your observations you should ask yourself, "Can I go on like this for the rest of my life?" If your answer is "no", you need to look for other ways of making a living for yourself and your family. If the answer is "yes", proceed with the other management steps. **Goal setting,** the second step in the management cycle, will be the topic of our next installment in this series. In the meantime, may you enjoy many good thoughts about your future management of the farm business.

(Continued Next Week)

Update: Nearly 18,000 Acres Signed To Conservation Reserve

UNIVERSITY PARK — Pennsylvania farmers put 17,885 acres of the state's highly erodible cropland into the U.S. Department of Agriculture's Conservation Reserve Program in 1986. USDA had hoped to enroll 82,000 Pennsylvania acres in the CRP in 1986.

Nationally, USDA has accepted almost 9 million acres. The goal was to sign up 5 million in 1986, and 10 million additional acres in 1987.

The following chart outlines state and national participation in the program for the three signup periods held in 1986, the first year for program signup. The first two signups were for 1986 crops, while the third accepted cropland for the 1987 year.

The bid amounts accepted for Pennsylvania were $65 for pool 1 (southeastern Pennsylvania) and $60 for pool 2.

PENNSYLVANIA

	Acres bid	Acres accepted	Number farms accepted
First signup (March 1986)	13,663	2,463	93
Second signup (May 1986)	13,447	8,285	255
Third signup (August 1986)	8,840	7,137	202

NATIONAL

	Acres bid	Acres accepted	Number farms accepted
First signup (March 1986)	4,818,561	838,356	10,307
Second signup (May 1986)	4,646,524	3,000,681	22,863
Third signup (August 1986)	6,420 964	5,091,618	35,965

Thank You! And Happy Holidays To Those Who Supported Our 1986 Livestock Sales From The Berks County 4-H Beef, 4-H Sheep and Lamb, And 4-H Swine Clubs.

Agway of Leesport
Angstadt Trucking
Bank of Pennsylvania
Berks-Lehigh Valley Farm Credit
Bernville Bank
Bernville Quality Fuels
Boscov's
Rich Brandt Farm Real Estate
F.M. Brown's Sons, Inc.
Columbia Cutlery
Pete D'Angeli
Diesel Service, Inc.
DeSantis Transportation
Farm Bureau
Fies Catering
1st Federal Savings & Loan Assoc. of Pottstown
Marvin Frantz
Gehman Feed Mill
Harvey George
George's Foodliner
Hamilton Bank of Lancaster
Ruth Hartman
Hatfield Packing Co.
Dr. W. Thomas Jay
Dave & Constance Kantner
Keller's Crop Service
Kings IGA
Kissler's Trucking
Kutztown Grange
Kuzan's Hardware
Lebanon Valley National Bank
Leesport Farmers Market
Manor Equipment
Mast Mower & Service
Meridian Bank
National Bank of Boyertown
On-Line Computer
Peters Bro's Meats
Reading Bone Fertilizer Co.
John Shaeffer
Shillington IGA
Shirley's Lunch Counter
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Illinois Declared Free Of Bovine TB

WASHINGTON – The U.S. Department of Agriculture recently recognized Illinois as the 32nd state to be designated free of bovine tuberculosis.

In order to be declared an free of bovine tuberculosis, a state must comply with uniform methods and rules for bovine TB eradication and remain free of the disease for five or more years, according to Bert W. Hawkins, administrator of USDA's Animal and Plant Health Inspection Service.

The new designation for Illinois means the state can market its cattle more easily, since most buyers prefer to purchase cattle from states that have been designated free of the disease.

Bovine tuberculosis bacteria can be spread among cattle through inhalation or by contaminated food and water sources. Humans can contract the disease by drinking unpasteurized milk from infected cows.

Earlier in this century, bovine TB caused large-scale cattle losses in the United States. Since then, a cooperative state-federal eradication program has significantly reduced the incidence of the disease, but strict surveillance and testing of cattle will continue until the disease has been eliminated, Hawkins said.

STRIKE IT RICH!

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Lebanon County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

November, 1986

A Holstein owned by Lloyd Burkholder Jr produced the top record in November This 5 year old completed her lactation with 27,417 pounds of milk and 1,065 pounds of fat

Name	Brd.	No Cows	% Days In Milk	Milk Lbs.	3 Fat X Lbs
David Brandt	3	71 7	89 7	22,044	774
Roy H Weaver	3	54 7	89 1	21,381	761
Hoover Farms	3	132 0	85 1	20,213	746
Irvin Z Brubaker	B3	52 1	86 4	20,798	744
Marvin K Meyer&Sons	B3	95 4	89 2	19,816	744
Willow Maple Farm	3	47 8	90 2	20,000	742
Roy E Nolt	B3	64 3	83 9	20,517	731
Donald G Hoffer	3	46 5	86 8	19 519	728
Vincent A Wagner	3	60 4	86 0	19,874	726
Arthur R Krall & Son	3	70 9	86 2	19,607	725
M Luther Bennetch	G3	78 5	87 3	18,799	719
Gary Lentz	3	68 9	87 2	19,969	717
Lloyd Burkholder Jr	B3	53 2	83 6	19,948	717
Raymon & Marlin Getz	3	57 6	86 8	19 138	716
Ferndale Farms	3	76 6	86 6	19,310	714
Arnold Acres	3	120 9	88 0	19,769	714
James Z Brubaker	B3	52 8	89 3	20 438	713
Kenneth Mase	B3	99 1	87 7	19,157	712
Richard&Ronald Shirk	3	77 0	86 7	19,092	709
Kenneth I Sellers	3	65 1	87 1	18 504	705
Dale Hostetter & Sons	3	96 4	83 5	18,185	703
Eugene Gingrich	B3	37 1	86 3	19,020	703
Willis Good	B3	62 7	88 0	19,929	702
Leon M Burkholder	B3	49 0	90 7	18,953	702
David Weaver	B3	40 5	89 3	19,701	694
Robert Martin	B3	54 1	89 0	18,240	694
Mark C Patches	B3	105 8	87 0	18,033	690
Wernerway Farms	B3	139 6	88 8	20 576	690
Philhaven farm	3	101 5	90 1	18 858	686
Hollow Pride Farm	B3	42 1	91 4	18,382	685
Fort Zeller Farm	B3	51 5	89 1	20 517	683
Reuben O Martin	B3	77 2	86 4	18 624	682
Hershey Bare	3	91 4	87 9	17,855	672
Gary Mase	B3	24 0	86 9	18 777	672
John Brubaker	B3	56 2	89 2	18,730	669
Twin Maple Farm	B3	54 9	88 1	17,924	668
Jay&Carol Hershey	3	43 8	84 4	19,203	665
Harvey E Bomgardner	3	72 1	89 0	17,798	665
Phares Z Musser	3	84 5	86 8	17,458	665
Harvey T Bomgardner	3	104 2	86 0	18,578	663
Melvin M Nolt	B3	57 7	82 7	17,310	658
Robert B Smith	2	76 4	85 8	13,585	657
Walter K Heisey	B3	54 1	88 1	17 758	656
Marlin D Heisey	B3	52 8	84 6	18 134	656
Earl+Marilyn Smith	3	74 6	88 5	17 782	655
Bucher Brothers	B3	40 1	83 5	19,141	654
DGK Holsteins	3	46 6	85 4	17,909	653
Clyde E Deck	B3	69 4	84 4	17,984	652
Kirby L Horst	3	51 4	85 3	17,530	652
Sonnen Springs Farm	B3	51 1	84 1	18,254	647
Raymond K Martin	B3	51 2	86 0	18,738	646
Richard Batz	3	41 9	91 1	17,655	644
Mark H Bomberger & Son	B3	86 9	87 5	17,756	643
Eugene Martin	B3	96 5	86 5	17 701	640
Louis E Martin	B3	43 7	85 3	18,282	640
R&E Farms	B3	112 0	87 8	17 684	640
Sonnen Acres	B3	73 6	86 9	18,048	638
Roy M Oberholtzer	B3	39 7	83 8	18 746	637
David Eugene Reiff	3	53 0	86 7	18,735	637
Galen Bollinger	B3	155 0	91 7	17,207	633
Larry G Shuey	B3	91 6	87 5	17 812	633
Irvin & Ella Martin	B3	69 1	84 4	18,139	631
Twin Gro Holsteins	B3	52 4	87 7	17 156	630
Daryl Balmer	B3	35 0	87 2	17 612	628
San Bo Holsteins	B3	70 0	83 6	17,514	627
Alvin&Marian Martin	B3	63 5	86 3	17,385	624
David Himmelberger	B3	37 6	86 7	16 958	623
Ernest P Detweiler	B3	46 5	85 5	17 807	621
Mervin W Horst	3	52 3	86 2	17,237	618
Ma Mi Me Farms	B3	79 6	86 1	16,943	613
Daniel B Shirk	3	35 6	89 7	17,392	612
Ramona Holsteins	B3	78 3	84 0	17,413	612
David E Zimmerman	G3	48 4	86 2	18 967	608
Clifford+Fay Berger	B3	60 0	87 7	16 854	607
Gerald W Martin	G3	52 2	86 9	18 347	605
Moses O Martin	B3	71 6	88 8	17,072	604
Dennis Wampler	B3	89 0	86 0	16 566	604
Richard C Elliott	B3	36 1	85 3	17,024	604
Allen H Leinbach	3	31 1	89 4	14,987	603
Mark Copenhaver	B3	80 8	87 3	17 668	603
Aaron Weaver	B3	79 1	86 3	16,700	602
Rufus H Martin	G3	42 8	85 6	17 062	601
George Ungemach	B3	82 1	87 3	17 091	600
Jesse L Weaver	B3	45 6	86 4	17 325	600

The following cows completed lactations over 800 pounds fat during November

Kenneth I Sellers						
Pebbles	3	4 2	305	22 384	4 2	939
David Brandt						
97	3	6 6	305	26,431	3 2	839
80	3	3-3	305	22 871	4 4	1008
Harvey T Bomgardner						
Sharon	3	4 0	305	21 495	4 3	925
Marvin K Meyer & Sons						
Karen	3	11 2	305	25 694	3 3	845
Matty	3	8 5	305	24,592	4 2	1027
52 Flo	3	5 10	305	22,914	3 7	839
Pebbles	3	6 2	305	22 423	3 7	840
Dale Hostetter & Sons						
25		3	6 10	21,393	4 2	907
101	3	3 4	305	24 044	3 5	835
55	3	3 3	305	22,400	4 0	895
Richard & Ronald Shirk						
Jem	3	5 3	305	19 298	4 9	952
Laura	3	4 10	305	20 957	4 0	842
Lynn W Moyer						
33	3	5 10	305	23,819	3 7	876
Ray R Sattazahn						
41	3	4 0	305	19 021	4 3	827
Mark C Patches						
275	3	5 2	305	22 556	4 1	918
Ralph H Emrich & Sons						
85	3	8 0	305	24 683	3 5	869

(Turn to Page D18)

HAVING SOIL PROBLEMS?

Here's A Timely Tip...

Apply lime on frozen ground

Lime can be applied almost anytime however winter months are ideal because the ground is firm and the freezing and thawing action helps to disseminate the lime in the soil

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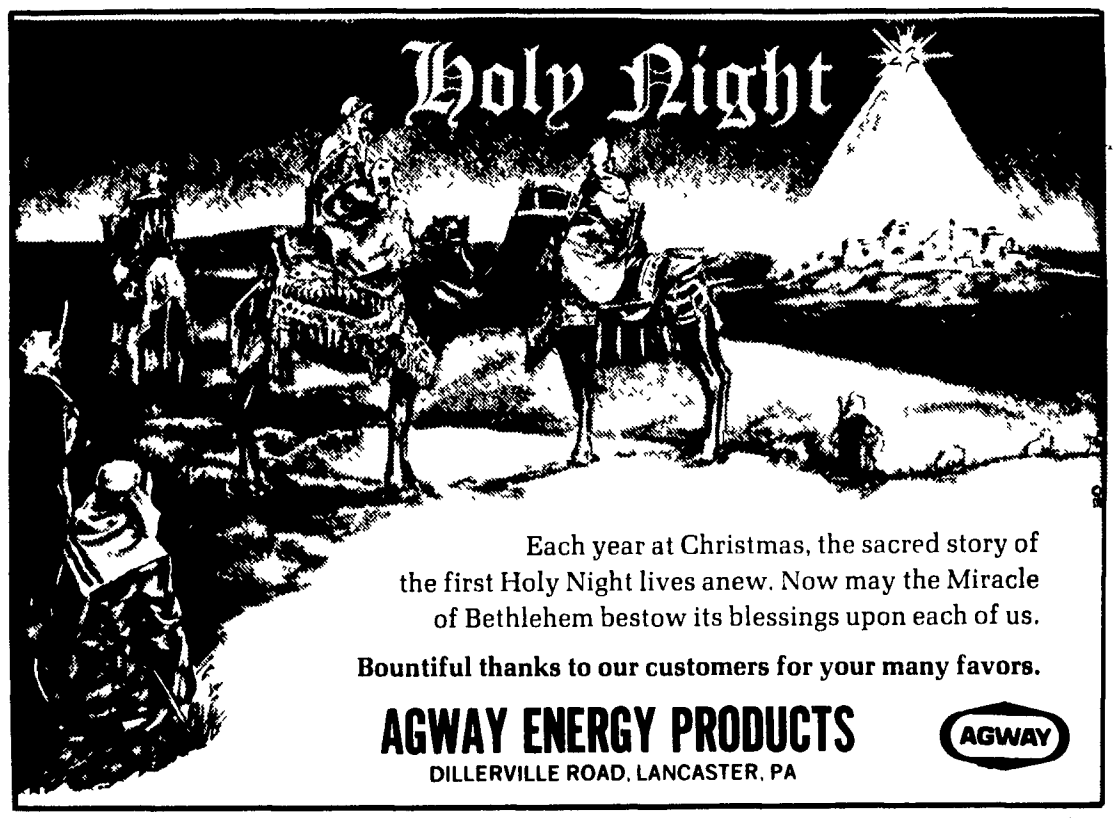

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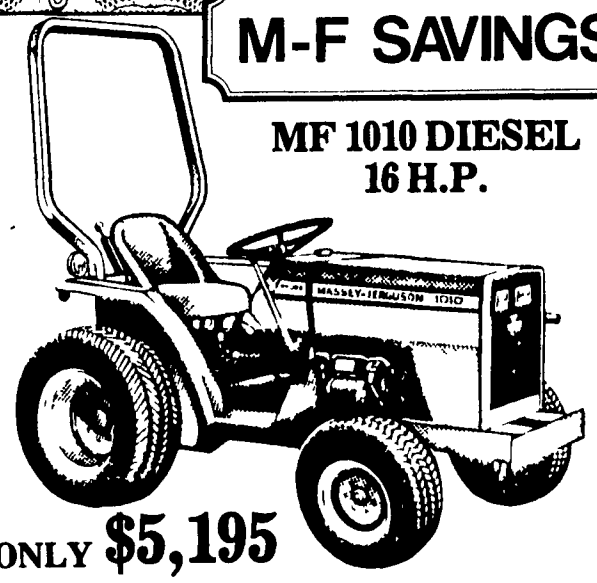

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Sewage Sludge May Benefit Soybeans

COLLEGE PARK, Md. – Farmers who apply treated sewage sludge to their soybean fields may reap some benefits, but there are a couple of catches, according to a recent study by The University of Maryland's Agricultural Experiment Station.

Sewage sludge, say University scientists, may help soybean plants do a better job of manufacturing their own nitrogen – an important element necessary for plant growth.

And sludge may also help the plants form nodules, or the tiny growths on the roots of soybeans where the plant manufactures nitrogen.

But, says researcher Dr. Scott Angle, "farmers should be sure that the soil is adequately limed to obtain the full potential benefit" of using treated sludge.

"Beneficial results may also be limited to sludges that have low levels of heavy metals, especially when soils are slightly acidic," adds Angle, an assistant professor in the Department of Agronomy.

Previous studies show that sludges that are high in heavy metals tend to have a toxic effect on plants grown in them. The toxic effect is compounded when the soils are low in pH, or acidic.

Adds Angle: "Our present study indicates that sewage sludge can have a beneficial influence on soil properties several years beyond the initial sludge application, based on our evidence of increased soybean growth and nitrogen fixation."

Farm Builders Conference Slated

UNIVERSITY PARK – The sixth annual Pennsylvania Farm Builders Conference will be held on Jan. 27 and 28 at the Kittanning Township Firehall in Kittanning, Pa.

Sponsored by Penn State's Department of Agricultural Engineering and the National Frame Builders Association, the two-day program includes seminars and tours for farm builders, commercial builders and equipment suppliers.

It features presentations by university and consulting agricultural engineers, building material manufacturers, building contractors, energy specialists, professional sales specialists, state code enforcement officers and an insurance representative.

Sixteen speakers will cover topics relating to the theme of commercial markets. Six of these speakers are directly involved in building construction and sales.

Conference topics include: labor and industry codes for commercial buildings; fire insurance for light frame buildings; experiences in building for commercial markets; the use of fire-retardant lumber; package buildings; putting together a sales presentation; a research update on glue laminated poles; what to expect from a design engineer, and insulation.

A half-day tour will include stops at two dairy farms and four commercial buildings. One farm has installed many innovative features for a stall barn, while the other has several problem situations that need solutions, including overloaded joists, a ventilation inlet problem in the stall barn and reroofing problems on a large turkey barn. Solutions will be discussed. The commercial building stops are at two grocery stores, a residential house and a car wash/convenience store complex.

Well-known advertising executive Stewart Dormod of James Allen Associates in Rochester, Minn., will cover two topics: putting together a sales presentation and "SUCCESS." The latter topic will be covered after the banquet held on Jan. 27.

The program will be held at the Kittanning Township Fire Hall.

For registration and information, contact Daniel Meyer, extension agricultural engineer, at 204 Agricultural Engineering Building, University Park, PA 16802, phone (814) 865-7685.

TANKS TANKS TANKS

Saner Brothers Cop Juniata DHIA Awards

MIFFLINTOWN — Rick and Ralph Saner of Thompsontown R.D. are the co-owners of the top herd in Juniata County's Dairy Herd Improvement Association for the 1985-86 testing year. Their 50 registered Holsteins averaged 23,403 pounds of milk, 842 pounds of fat and 746 pounds of protein.

In Saners' herd, 12 cows completed lactations with an average of 850 pounds of fat or better and/or 23,000 pounds of milk. The Saner brothers received the most improved fat award with an increase of 132 pounds of fat. They also increased their herd average by 3,420 pounds of milk and 100 pounds of protein over their 1985 average.

Barry Lucas of Millerstown R.D. 2 garnered the award for greatest increase in milk and protein with increases of 3,952 pounds of milk and 115 pounds of protein. Lucas received recognition for his second place herd of 47 Holsteins averaging 21,570 pounds of milk, 777 pounds of fat and 683 pounds of protein.

James Speer Jr. of Blairs Mills owned the highest individual cow based on fat. His grade Holstein, "Babs," completed her lactation with 26,322 pounds of milk and 1,142 pounds of fat.

James Wilson of Mifflintown earned the award for lowest somatic cell count by maintaining a count of 122,000.

Others herds producing over 700 pounds of fat per cow include: Mark Zook, Mifflin, 733; Daryl and Del Brubaker, McAlisterville, 708; and Harold Shearer, East Waterford, 708.

The Juniata County DHIA completed its 63rd year with 86 whole-year and seven owner sampler. The 4,664 cows tested in the county averaged 16,559 pounds of milk, 592 pounds of fat and 522 pounds of protein for a new high.

CHRIST IS BORN

The blessed day that is Christmas holds for each of us a special joy and enlightenment. May it offer you peace and love along with our heartfelt thanks for your kindness.

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Lebanon Co. DHIA

(Continued from Page D16)

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Kim	3	3 2	305	25 808	3 6	940
Hershey Bare						
84	3	8 11	305	24 054	3 4	809
Ernest P Detweiler						
Lillian	3	4 1	305	22 034	3 9	856
Arnold Acres						
Bea	3	5 0	305	23,515	3 7	867
Rachael	3	3 0	305	21,224	3 9	823
Robert B Bollinger						
36	3	8 4	305	22,075	4 0	873
John Brubaker						
22	3	6 8	305	23 632	4 0	954
Leon H Kline						
35	3	0 0	305	20 909	4 0	838
Roy E Nolt						
8	3	5 8	288	26 697	3 5	937
84	3	3 1	305	22,455	3 8	852
Meadow Wood Farm						
253	3	3 2	305	19 937	4 3	862
Philhaven Farm						
89	3	6 4	293	19,199	4 6	886
Lloyd Burkholder Jr						
32	3	8-0	305	28,062	3 5	985
Karen	3	5-10	305	27,417	3 9	1065
Roy H Weaver						
9	3	6 0	305	20 385	3 0	913
44	3	3-9	305	23 798	3 7	871
James Z Brubaker						
21 B	3	8 0	305	24 319	3 3	801
Alvin & Marian Martin						
59	3	5 9	305	17 587	4 7	832
Leon M Burkholder						
166	3	7 2	305	18 353	5 0	918
Earle Zimmerman						
7	3	3 11	305	16 941	4 8	813
David Himmelberger						
Melody	3	5 3	305	25,028	3 8	963
Aaron Weaver						
14	3	6 3	305	31 172	3 0	938
Roy M Oberholtzer						
31	3	7 11	305	20 077	4 0	805
Robert Martin						
Flossie	3	7 2	305	25 940	3 8	993
Kenneth Mase						
Karla	3	7 4	305	26 152	3 4	892
Phares Z Musser						
23	3	6 2	289	21 439	3 8	805
Wernerway Farms						
114 W	3	5 1	304	21 966	3 8	836
Raymond & Marlin Getz						
Mandy	3	6 0	305	22 616	3 9	874

Peace on Earth

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USDA Makes Final Move To 'Checkmate' Alfalfa Weevil

WASHINGTON — American farmers are turning out to be the winners in an ongoing "chess" match of wasps against alfalfa weevils, according to a U.S. Department of Agriculture official.

"The alfalfa weevil is extremely destructive to alfalfa crops. Each year farmers spend hundreds of millions of dollars to control these insects with chemical pesticides," says Bert W. Hawkins, administrator of USDA's Animal and Plant Health Inspection Service. "But an APHIS program aimed at combatting the weevils with natural enemies — tiny parasitic wasps imported from Europe and Asia — is beginning to check weevil numbers and to reduce the amount of costly chemicals it takes to control them."

Hawkins uses chess terminology to describe the high-stakes match between the weevils and the wasps. "A chess match is similar to a match between a biological control agent and a target pest," he says. "In the same way a chess player reduces an opponent's strength piece by piece, a beneficial insect gradually reduces a target pest's numbers until it no longer does economically significant damage."

The idea of controlling alfalfa weevils with natural enemies was first developed by scientists of USDA's Agricultural Research Service, Hawkins says. In the mid-1950's, ARS researchers identified several species of wasps in Europe and Asia that parasitized other insects to reproduce. The females of the parasitic wasps deposit their eggs inside another insect's body. When the eggs hatch, the host insect literally is eaten alive by the wasp larvae. All of these parasitic wasp species are stingless and harmless to humans and animals.

"ARS made the first moves to put the alfalfa weevils in check in 1959," says Hawkins, "when researchers established some of these parasitic wasp species in 11 northeastern and mid-Atlantic states, expecting they would parasitize the weevils. Placing the wasps in the northeastern and mid-Atlantic regions formed the first of three 'chess boards,' on which the match against the alfalfa weevil is fought. The boards now cover the lower 48 states."

The wasps on the first chess board were so successful in reducing weevil numbers, says Hawkins, that by 1980, spraying of chemical insecticides to control the weevil in the 11 states dropped 73 percent, saving alfalfa producers an average of $8 million a year in pesticide and application costs. USDA spent only $1 million on the program over the 21-year period. Some states reported that the wasps alone provided virtually 100 percent protection from the weevil.

"In 1980, APHIS took over from ARS as chess master, and set up a second board covering 25 states further west," says Hawkins. Employees of the Cooperative Extension Service and state departments of agriculture cooperated with APHIS in the expanded match. Since 1981, about 15 million parasitic wasps have been released at thousands of locations in the 25 states.

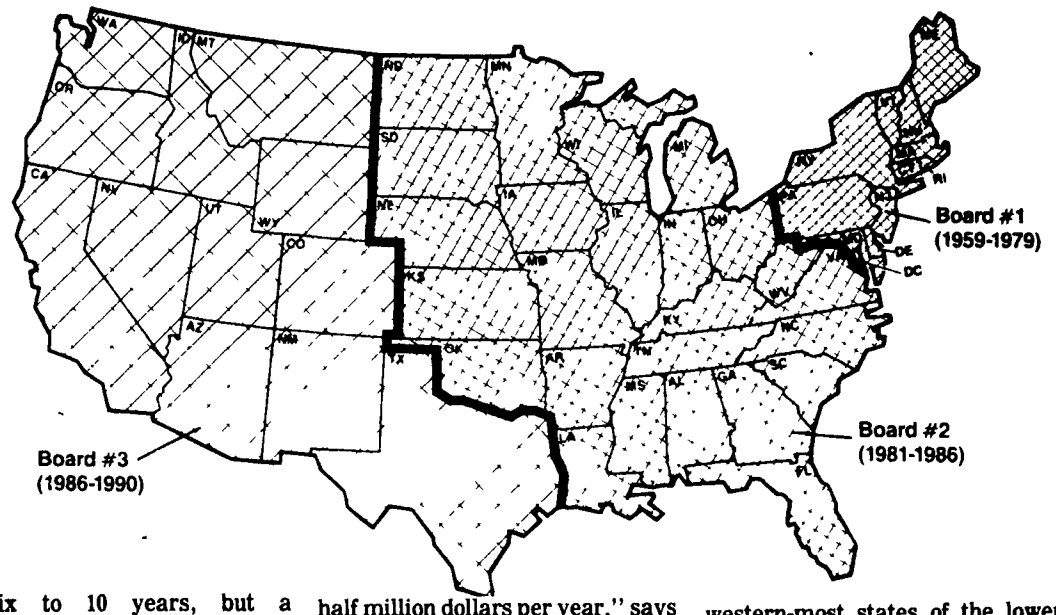
"At this moment, no further releases seem necessary on this second board," Hawkins says. "All the pieces seem to be in place to put the alfalfa weevil in check."

The wasps on the second board will not reach maximum numbers for six to 10 years, but a preliminary review by USDA's Economic Research Service indicates the wasps are already reducing the numbers of pesticide applications needed to control the weevils.

"Placing weevils on the second board of 25 states cost us about a half million dollars per year," says Hawkins, "so the savings for farmers in these states far outweigh the cost of the program."

APHIS is now in the process of setting up the third and last game board in its continuing match against the weevil, says Hawkins. The third board covers the 12 western-most states of the lower 48. Releases of wasps, which began last year in the area of third board, are scheduled for 545 sites across the region. In 1987 alone, more than 2 million adult wasps will be released. The board will be completely set up by 1990.

Putting the Alfalfa Weevil in Check: the Three Chess Boards



Commodity Program Change Announced

Producers who participate in the 1987 commodity programs will not be allowed to plant nonprogram crops on their permitted program crop acreage or earn deficiency payments on those acres, according to Donald E. Lutz, Chairman of the Berks County Agricultural Stabilization and Conservation Committee.

In 1986, farm program participants could plant nonprogram crops on their permitted acreage if planting, or a contract to plant occurred before Feb. 26, 1986.

However, under the 1987 program provision, producers who plant at least 50 percent of their permitted acres to a program crop, and devote the remaining permitted acreage to conservation uses, will be eligible to receive deficiency payments on 92 percent of the permitted acreage. This is known as the 50/92 program, Lutz said.

Lutz said the 1987 commodity programs also prohibit the production of alternate crops on Acreage Conservation Reserve land.

Producers who comply with the 1987 farm programs will be eligible for deficiency payments, price support loans and land diversion payments for feed grain crops.

What a humbling experience it must have been some 2,000 years ago when Christ, our Lord, was born in a lowly manger in Bethlehem.

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Ag Arena Receives Architecture Award

STATE COLLEGE, Pa. — The ag arena at Penn State University has been hailed as one of the most modern and flexible agricultural facilities in the northeast according to Carol Chase, reporting in the Daily Colegian newspaper on Monday. The ag arena was among architectural designs published in the Fourth Annual Architectural Port Folio awards issue of American School and University. This awards program honors outstanding facilities and their design teams.

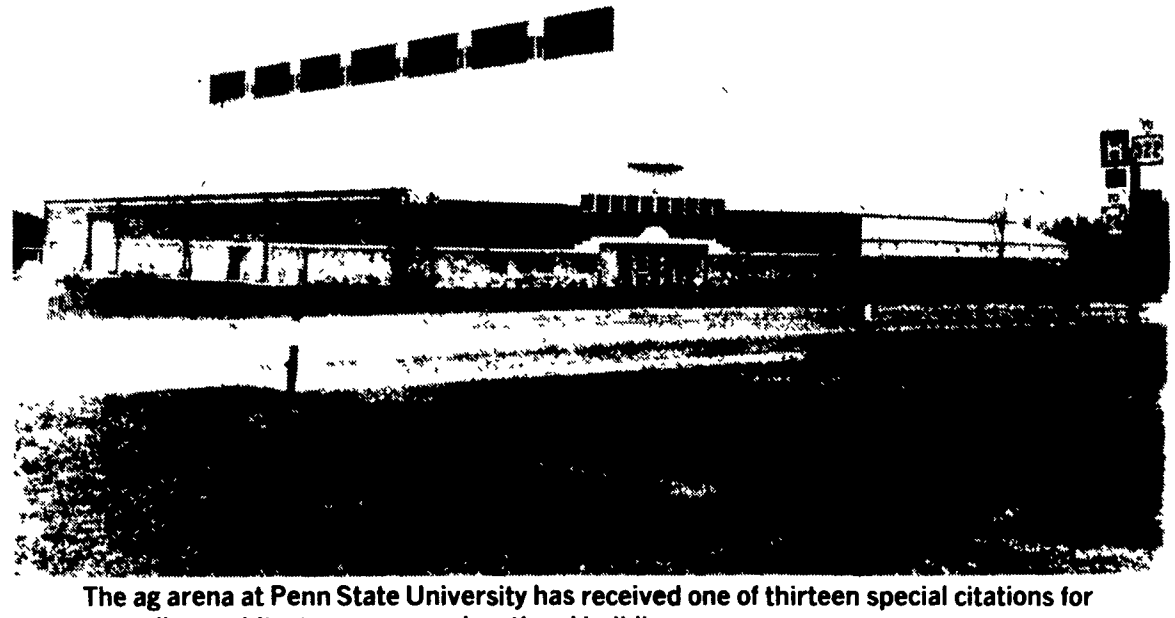
According to American School and University, the ag arena is different form other buildings because it is reminiscent of traditional farm architecture but uses modern materials in its structure, such as concrete blocks and steel trusses.

John Miller, university assistant to the vice president for business and operations, said construction on the building began in June of 1963 and ended around July 1984. "Building cost was $1.2 million," he said.

Opened as a show place for the College of Agriculture, the big arena contains a riding ring for horse shows for agricultural events and hosts meetings and workshops.

"The award is an honor, which reflects on the university and the university board of trustees," Miller said. "Because it was the board that approved the building plans." The ag arena also received the top award for the year for its excellent design from the Pennsylvania chapter of the American Institute of Architects and appeared in the May issue of Architecture Magazine.

Both architects involved in educational work as well as the readers of Amercian School and University will be influenced by the designs of the winning entries.



The ag arena at Penn State University has received one of thirteen special citations for outstanding architecture among educational buildings.

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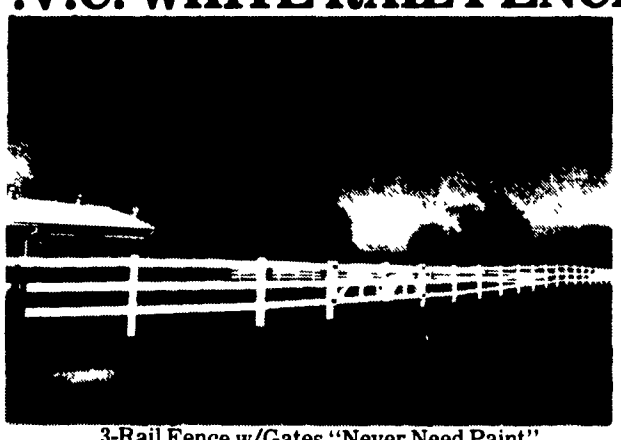

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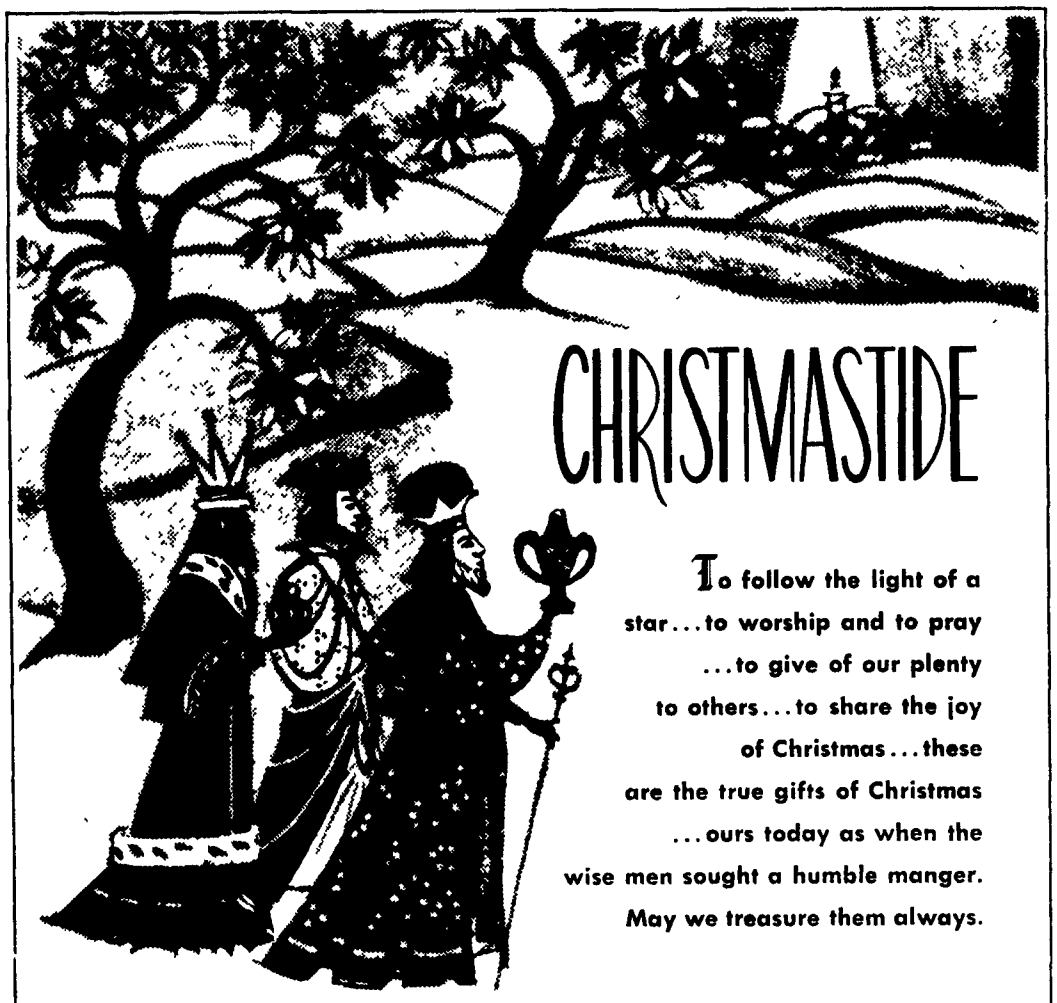

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Plan Now For '87 Planting Season

DEKALB, Ill. – It's hard to believe that farmers will be planting their 1987 crops in a few months. Now is the time for farmers to review their notes and observations from this past year to begin planning for next year's crop, says Bob Streit, regional agronomist for Dekalb-Pfizer Genetics.

Tillage

"If a piece of worn-out equipment must be replaced, now may be the time to switch to reduced tillage," says the agronomist. "Much of the projected savings in reduced tillage occurs from lower equipment inventory and equipment costs."

Last year's alfalfa set-aside acres that will be planted to corn next year will provide the perfect base for trying slot planting, Streit suggests. Or, that new herbicide program you've worked up, coupled with the availability of a high trash soybean drill, appear to make no-tilling a field of soybeans feasible and profitable.

Fertility

Since fertilizer is one of the major crop costs, Streit says, it is important that each grower get the maximum return from each dollar spent. "Adequate phosphate and potash levels are needed to produce profitable crops. The only way to determine if each field has proper levels is by maintaining a current set of soil test records," he advises.

The agronomist states that if your corn field turned yellow due to lack of nitrogen in mid-summer, it would be beneficial to consider a different nitrogen management program. "Split applications of nitrogen or a switch to less soluble forms of N could make a difference in profitability for the 1987 corn crop." Now is the time to check into the equipment it would take to switch to split application and shop for the cheapest and best form of N to use next spring, he adds.

Herbicides

Take advantage of winter months to check out new herbicides, says Streit. "Review performance data from several years over a variety of soil types with your supplier. If you're modifying your current program, also look at rates." Rate cutting is often explored, but remember, the most expensive herbicide program is one that does not control weeds, the DeKalb-Pfizer official cautions. "If you've taken notes from the tractor or the combine during the season, review those notes and treat each field individually, based on the severity of weed infestation." Blanket applications at high herbicide rates are both expensive and inefficient, Streit adds.

Seed

Picking the best corn or soybean variety goes a long way towards getting top yields in 1987. "You'll want to plant your best varieties and eliminate the worst one or two," the agronomist suggests. Replace them with the best new varieties from your seed supplier.

Every new variety should have lots of performance data justifying its release, Streit states. Select varieties based on what has happened over the last three or four years rather than only the most recent year. Weather extremes could sway one year's performance beyond what would normally be expected, he concludes.

Maryland Preserves Record Amount Of Farmland

ANNAPOLIS, Md. – According to the 1986 Annual Report of the Maryland Agricultural Land Preservation Foundation, 1986 has proven to be the most successful year to date in preserving the state's farmland.

"We broke our previous records for both the establishment of new agricultural preservation districts and the acquisition of development rights easements," said Gerald F. Talbert, executive director of the Maryland Agricultural Land Preservation Foundation. "The acquisition cost per acre, which was already the lowest for any program of its kind in the nation, actually decreased in FY'86 while other state's program costs increased."

"As most farmers are painfully aware, 1986 was a bad year for Maryland field crops and it was also a bad year for the amount of farmland lost to development pressure," said Maryland Secretary of Agriculture Wayne A. Cawley, Jr. "Fortunately, more farmers than ever before are able to overcome these and other obstacles by the sale of their development rights to the Foundation, sustaining themselves and their families and insuring that more agricultural land will be preserved for the future."

The Agricultural Land Preservation Foundation Program achieved its most productive year in the establishment of new agricultural preservation districts in FY'86 by approving 140 petitions protecting 19,982 acres. As of June 30, 1986, 841 agricultural preservation districts preserving 124,172 acres were enrolled in the program. The FY'86 totals provided a 19-percent increase in the district acreage base. Agricultural preservation districts now exist in 22 of the state's 23 counties.

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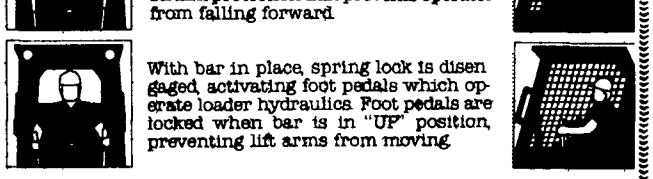

Multi-purpose padded seat bar is in place at top of cab. When operator is seated, he fastens seat belt before pulling down seat bar Rear window serves as emergency exit, if necessary

Seat bar allows adequate body clearance for range of operator sizes Bar is quickly, easily pulled down by hand and secured at waist level, providing additional restraint protection that prevents operator from falling forward

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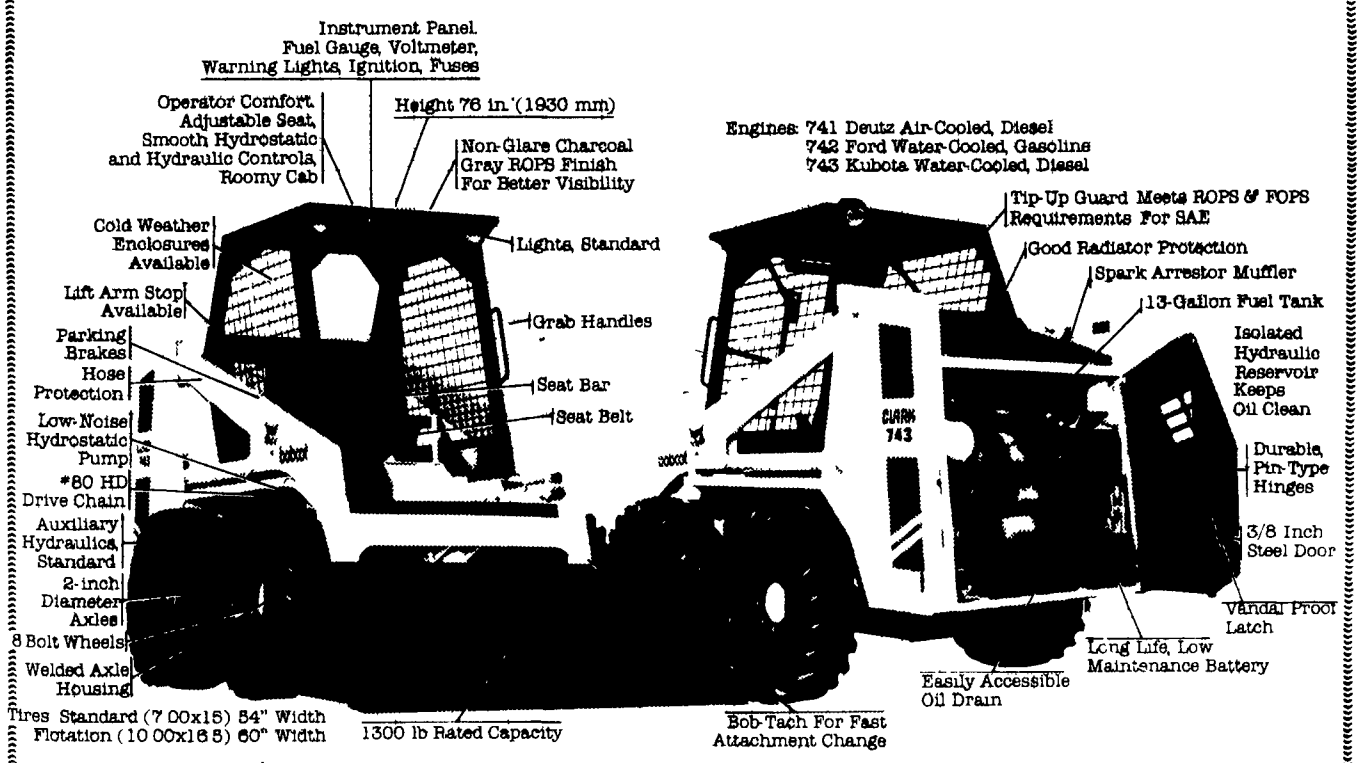
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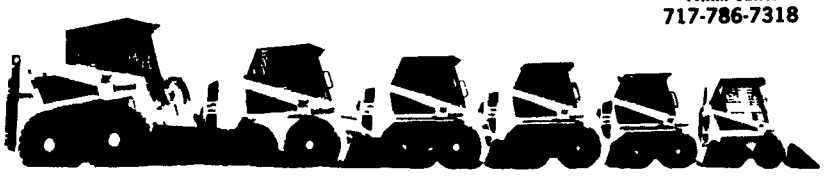

CHRISTMAS

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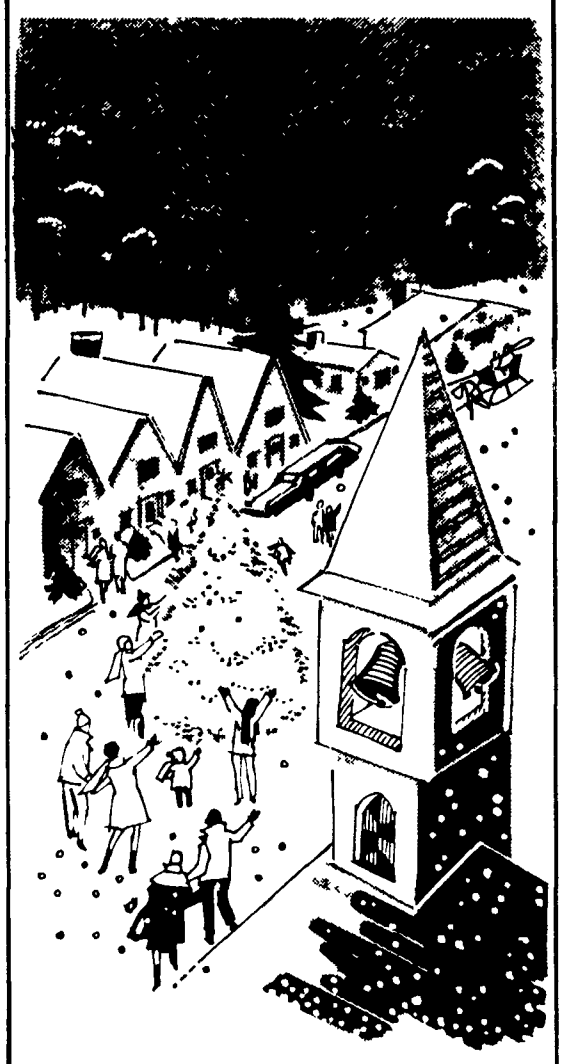

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Juniata County DHIA
November, 1986

The November 1986 report of the Juniata County Dairy Herd Improvement Association calculated records for 4 170 cows in 81 herds The 10 highest Rolling Herd Averages for the most recent 12 months of production are

Owner	Brd	& Days In Milk	Milk Lbs	Fat Lbs
Rich & Ralph Saner	3	87 3	23 661	848
Barry E Lucas	3	85 0	21 778	790
Mark L Zook	3	89 1	20 171	753
Harold B Shearer	3	88 9	20 587	716
Roy & Glen Henry	3	86 2	18 942	711
Daryl & Del Brubaker	3	88 0	20 008	708
SF Metz	3	86 4	19 445	704
Charles Wochley	3	86 6	18 662	698
John L VanHorn	3	88 7	17 296	691
Edmund K Book	3	92 5	18 905	690

Three hundred ninety six cows completed records of 305 days or less Three of these cows produced over 1 000 pounds of fat 7 produced over 900 pounds 24 produced over 800 pounds 45 produced over 700 pounds 95 produced over 600 pounds and 80 produced over 500 pounds

Dairy cows which completed lactations with an average butterfat of 850 pounds or more are listed below

SF Metz		
Vicki	25 656	1059
Coffee	24 539	1044
Cookie	21 888	919
Carol	19 885	850
James V Wilson		
11	24 258	1057
Zimmerman Brothers		
Babe	24 192	977
John L Van Horn		
Lila	22 516	955
Valerie	23 124	934
Russell Adamire Jr		
53	23 739	951
13	24 120	851
Mark L Zook		
Fury	25 182	945
Harold B Shearer		
Lola	26 463	864
Jean	22 876	862
Larry & David Noss		
69A	20 709	864
James L Swartz		
Hether	22 547	855
Daryl & Del Brubaker		
14 Beaut	22 103	853

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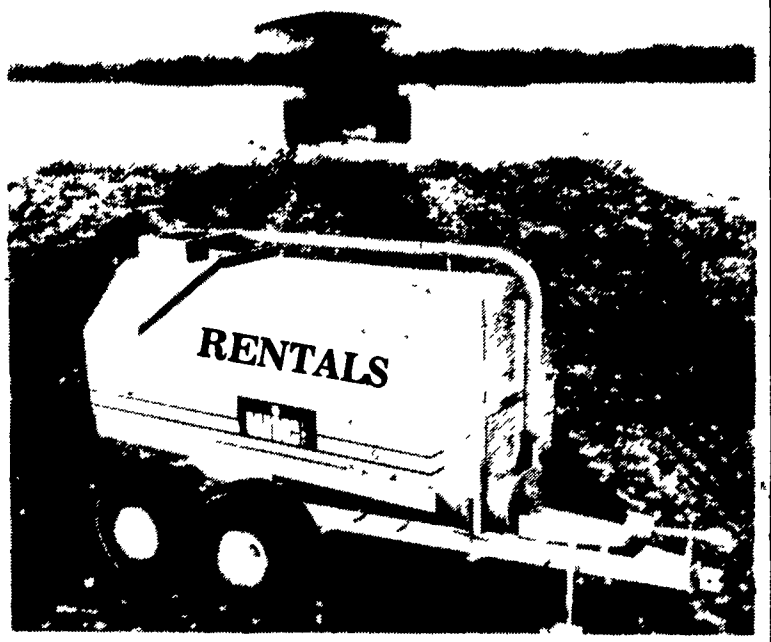

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Huntingdon County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

Huntingdon County DHIA
October, 1986

Owner	Brd	No Cows	Cow Days In Milk	Milk Lbs	Fat Lbs
Edwin Steach	3	68 5	86 4	22 309	811
Gregory & Nancy Yocum	3	30 5	93 3	19 643	734
Gerald E McMath	B3	75 6	86 8	19,734	725
Tannery Road Farm	G3	66 2	88 1	20 058	723
Branstetter Farms	B3	92 3	85 4	19,535	725
John S Kyper	B3	60 3	88 7	19,877	721
Daland Farms	3	120 0	87 4	18,963	711
Joseph M McMath	3	57 5	85 3	18,859	700
Timothy R Peachey	3	77 0	87 8	19,450	699
James Boone	B3	39 6	85 5	20,062	695
Duane & Carolyn Eberly	B3	34 8	87 8	20 552	694
Carl C & Carol Barnett	B3	71 8	87 1	19,356	689
E James McMath	3	122 2	90 9	19,479	678
Gillbrook Farms	B3	192 3	88 7	18,988	674
Philip A Yohn	G3	50 1	87 6	19,684	674
Behrer Farms	B3	175 9	86 2	18,453	672
Geary E Shade	3	89 6	89 4	19,256	667
Evergreen Farm No 3	B3	424 6	84 2	18,099	666
Sangrey Farms	B3	111 8	88 8	18,995	665
Samuel K Byler	B3	57 6	88 6	19 179	665
Locust Lane Farm	B3	94 5	87 3	17 848	664
Max Isenberg	B3	77 9	87 9	20,132	664
John W Lynn	B3	55 7	84 7	18,481	664
Timothy Bliss	B3	32 4	90 0	17 886	657
Eberle Brothers	B3	51 4	87 9	19,326	656
Chester & Carole Smith	B3	149 1	83 7	18 129	656
Gibboney Farms	3	60 1	88 2	18 695	655
Harry & Robin Barnett	G3	36 0	87 7	18 281	650

The following cows completed lactations over 850 pounds of fat during October 1986

Gillbrook Farm					
1635	3	4 7	305	22 224	948
1823	3	1 11	305	25 633	931
1679	3	4 5	305	24,773	862
1582	3	4 5	305	24,773	862
Gerald McMath					
Bossy	3	3 6	305	21,082	922
John Brown					
Reed	3	4 3	305	22,660	913
Breezy Hollow Farm					
Label8	3	9 2	297	25 830	907
Lucy37	3	4 10	305	23 578	852
Behrer Farms					
226	3	7 6	305	27,775	895
Timothy Peachey					
Peach	3	4 0	302	21,388	887
Greta	3	7 0	305	24 890	862
Carl C + Carol Barnett					
225	3	4 2	305	23 395	880
Globe Run Farms					
Tillie#	3	5 9	305	25,593	876
Edwin Steach					
Della	3	8 4	273	25 559	876
Renada	3	6 1	286	22 731	859
Ezra S Zook					
Lucy	3	5 11	305	21 929	866
Gibboney Farms					
Marty31	3	7 6	305	24 602	864
Chester & Carole Smith					
375	3	3 4	305	22 569	863
Sangrey Farms					
36Sprg	3	7 8	305	24,238	854

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Bradford County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

October, 1986

This reports all DHIA cows that have produced 850 pounds of fat or more in 305 days

Owner Name or No.	Brd.	Age	Days In Milk	Lbs. Milk	Lbs. Fat
Y Run Dairy Farms					
Anne	3	7	305	25,489	918
Jessie	3	5	305	23,848	929
Patienc	3	4	305	22,204	867
Russell Jones					
Liane	3	4	305	19,354	870
Bride Brothers					
154	3	8	305	24,118	909
Richard Sturdevant					
Kay	3	8	305	23,753	953
Glen & Arlen Landis					
Laddie	3	8	305	23,492	854
Ben & Dean Jackson					
Talu	3	7	305	28,719	949
#Huffy	3	4	305	31,837	1221
David Berry					
D 60	3	5	296	23,715	928
B 64	3	5	305	21,867	939
Ford Ridge Farm					
Sybil	3	3	305	20,183	859
Milford Kinsman & Son					
Felicia	3	5	305	26,021	886
Gerdine	3	4	290	21,212	852
Hamper	3	3	305	22,791	872
Gerald Stethers					
55	3	3	305	22,612	961
Robert Storch					
4342	3	4	305	17,940	885
East Knoll Farm					
Velma	3	3	305	23,195	866
Robert Taylor					
Cindy	3	6	305	23,018	866
HW Russell & Sons					
141	3	7	296	23,754	907
30G	3	4	305	19,654	876
Richard Wheeler					
Prize	3	6	305	25,749	954
Tom & Diane Elliott					
Sally	3	7	280	23,717	876
Peaches	3	5	305	27,180	926
Alfred Sparling					
Dora	3	8	305	25,346	921
*Taffy	3	6	305	20,346	912
Katie	3	6	305	23,587	867
Edie	3	5	305	23 409	893
Liz	3	5	305	24,297	998
Holly	3	4	305	24,828	905
Lolly	3	0	305	18,990	855
Carly	3	2	305	24,309	876
Braund Valley Farms					
Blacky	3	10	305	23,165	899
Eleanor	3	4	305	22,601	897
Allen Andrews					
Velvet	3	6	305	25,640	852
Cherish	3	3	305	23,592	1032
Walter Wheaton					
44	3	5	305	22,099	914
ML Case					
Jetlag	3	4	305	27,282	865
Snowcrest Farm					
Anna	3	5	305	25,946	856
Jose	3	6	305	22,370	928
W&R Vanblarcom					
84	3	6	305	26,174	1113
Calkins Farm					
Pricila	3	5	305	21,760	970
Abraham Derstine					
Abbie 42	3	6	305	27,666	898
Marshall Watkins					
Jolene	3	4	277	21,851	850
Julie	3	4	295	9,763	893
Scott & Lynn Cook					
Velma	3	4	305	24,039	859
Sugar Ridge Holstein					
T Bone	3	8	305	25,422	869
Lawrence Swartley					
54	3	4	305	23,145	923
Matt Will B&W					
Sonya	3	4	305	25,279	854
Sheena	3	3	305	21,949	862
Tom & Elaine Comstock					
Mitz	3	4	305	28,315	1047
Jan-George Page Jr					
Annamae	3	5	299	23,683	875
Bruce Wenger					
Dors 217	3	5	305	28,443	1001
Tanya 2	3	5	305	26,751	1017
Marla	3	4	305	22,362	873
Mami 29s	3	5	305	29,053	1030
Hiedi 50	3	4	305	32,257	1175
Champdale Farm					
Y 99	3	0	303	23,406	913
Perry Cooley					
39	3	3	305	23,640	868

(Turn to Page D25)

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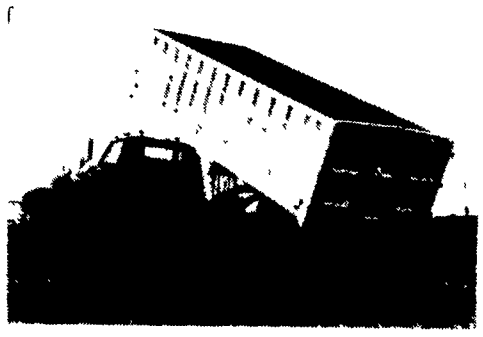
ALUMINUM GRAIN BODIES & ALUMINUM REPAIRS



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- ★ Double swinging hay hauling tailgate
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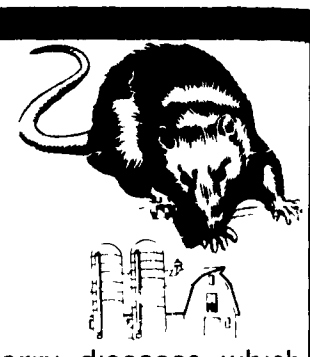

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and
A PROSPEROUS NEW YEAR

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HOLIDAY GREETINGS

May the magic of Christmas fill your souls with wonderful things! Our thanks to one and all!

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Phone 717-263-9111

Mifflin County DHIA
October, 1986

Owner	Brd.	No. Cows	% Days In Milk	Lbs. Milk	Fat
John K Kauffman	3	79.1	88 9	20,837	764
John A Peachey	3	56 8	90 3	21,302	758
Mark S Yoder	3	91.1	87 5	20,025	755
Paul J Zook	3	53 1	86 9	20,807	748
Percy S&R Glenn Yoder	3	89 1	87 1	18,907	737
Joseph E Kurtz Jr	3	44 8	87 0	19,976	728
Bradstead Farm	3	38 5	87 9	18,607	721
Louis S Peachey Jr	3	51 2	89 5	18,785	719
Joshua D Yoder	3	51 9	87.3	19,569	717
James L Hostetter	3	43 3	92 9	18,349	715
John B Peachey	3	71 6	90 1	18,465	713

Bradford Co. DHIA

(Continued from Page D24)

Saxtonaire Holsteins					
Joy	3	4	305	22,341	864
Stephen & Marcia Gary					
Brook	3	5	305	27,414	959
Duke	3	4	305	23 220	918
Pet Roypa Farm					
England	3	8	305	22 475	873
James & Diane Elvidge					
Soso	3	3	305	18 239	856
Ja Jen Farms					
Bev	3	5	305	20 537	941

Charles L Forgy	3	58.7	88 3	19,903	712
J Loren Yoder	3	42 7	91 3	19,041	707
David R Spicher	3	82 2	91 7	18,696	701
David W Yoder	3	90 6	88 3	20,261	700
E Clair Fisher	3	25 0	95 0	19,354	699
John B & Saloma Byler	3	39 7	85 4	20,392	698
Byler Brothers	3	81 9	86 3	18,873	698
Kore J Peachey	3	58 4	89 4	19,238	693
G Sheldon Peachey	3	49 5	85 6	19,032	693
Merle E Yoder	3	39 0	90 9	19,658	692
David T Hostetler	3	41 4	88 8	18,746	692
Marvin R Kanagy	3	43 2	86 8	18,417	691
Raymond S Hostetler	3	40 1	87 1	18,854	690
Frank J Hartzler	3	59 7	89 0	18,937	689
James G Laughlin	3	43 2	88 5	18,147	689
James H Allison	3	36 8	85 8	20,768	689
Robert Stayrook	3	32 1	88 7	19,226	687
Jesse L Spicher	3	37 3	85 2	18,579	686
Kore E Yoder	3	56 7	86 8	17,741	684
Russel L Kline	3	51 0	90 5	19,172	682
J Irvin Zook	3	40 0	89 3	19,409	682
Robert L Kauffman	3	29 0	87 2	18,361	677
Sylvanus S Peachey	3	91 9	89 4	19,534	675
Bill & Karol Wingert	3	67 5	87 4	18,800	674
Leroy+Rod Kauffman	3	55.0	88 1	19,167	670
John L King	3	45 4	89 1	18,624	670
Marvin E Peachey	3	52 6	87 6	18,408	659
David C Yoder	3	48.4	87 2	18,729	658
Vernon L Kauffman	3	47 7	84 6	18,150	654
Aquilla I Yoder	3	82 8	90 3	17,760	653

High cows and heifers with completed lactations of 850 pounds of fat and over

Paul J Zook				
Tulip	3	5-3	26,264	1078
Kore J Peachey				
Annie	3	9-3	23,202	875
Nelson J Bradford				
Ethel	3	9-2	19,971	902
John A Peachey				
Pearl	3	4-10	24,638	1006
Joshua D Yoder				
Boots	3	11-2	27,477	924
John K Kauffman				
#49	3	4-10	22,046	969
Mark S Yoder				
#328	3	12-5	21,563	867
John B Peachey				
#63	3	6-5	21,591	898
#78	3	5-2	27,278	965
#45	3	5-1	23,393	883
Robert Stayrook				
#19	3	6-3	21,419	863
David W Yoder				
#59	3	11-3	24,339	929
#60	3	3-9	26,537	913
J Irvin Zook				
#22	3	8-3	24,885	914
Marvin R Kanagy				
Joyce	3	4-6	23,664	932
G Sheldon Peachey				
Prudenc	3	9-3	22,077	869
Ann	3	9-1	19,848	851
Jesse L Spicher				
Anette	3	4-2	24,246	916
Bill & Karol Wingert				
Shampoo	3	4 2	19,429	889

(Turn to Page D26)

if you're looking for a manure handling system, look to the people who specialize

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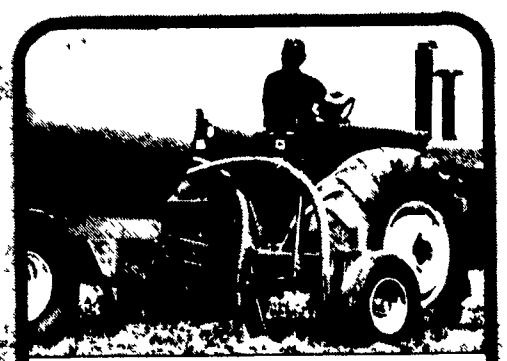

Inject manure for more profit

- Injector discharges manure in soil to preserve nutrients and boost crop yields
- All operating parts up front for easy viewing and control
- Hydraulically operated precision gate valve operated from tractor seat provides controlled rate of unloading
- All working parts removable from outside of tanker
- Internal 4 bladed chopper homogenizes slurry
- Walking beam tandem axle with surge brakes on all 4 wheels
- 540 or 1000 R P M P T O available
- Four shanks are self penetrating for easier pull deep injecting and good covering
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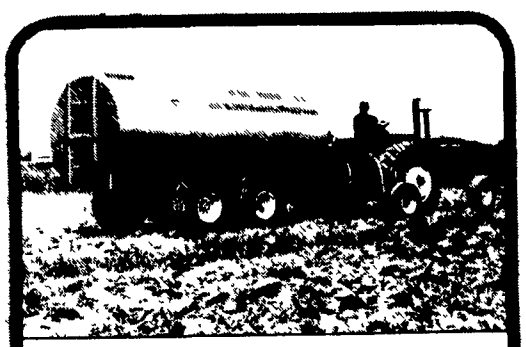
- Adjustable gauge wheels assure uniform depth
- Independent injector uses 3 point hitch



Hook up to the RUGGED ONE

- 3,200 Gallon Capacity
- Front Unloading — Left Hand Side Discharge
- Low Wide Spread Pattern
- Discharge Rate Controlled From Tractor Seat
- Four Bladed Impeller & Four Bladed Chopper

Here it is the RUGGED ONE from PATZ built as only PATZ will build them to last and last

The PATZ 3200 has a tank constructed of 3/16 inch steel and a tank frame and hitch of 1/4 inch steel with reinforced tank ends The PATZ 3200 tank interior has an epoxy primer coating the best known protection against the corrosive action of liquid manure

You can unload in minutes with a wide spread pattern of even distribution All working parts are in the front of the tank within easy view and operation from the tractor seat Safety too has been built into the PATZ 3200 with independent tandem beam walking axle and surge brakes on ALL FOUR WHEELS Tires 19Lx16 1 or 48x25x20 Super Floatation Terra Tires

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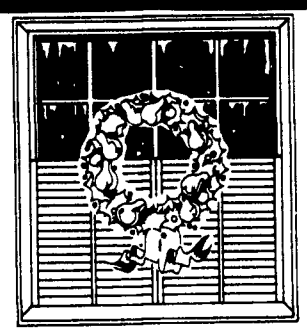
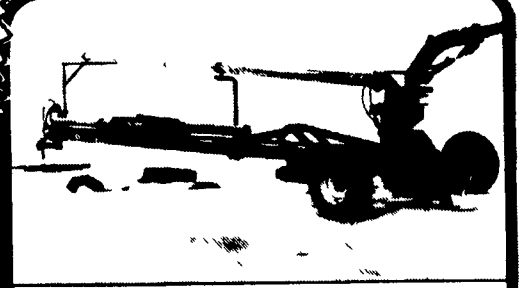


Patz Company and our Dealers wish each of you a Blessed Holiday Season and a Happy and Prosperous New Year.



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- Propeller agitates under the surface while nozzle breaks up surface crust
- Agitation nozzle rotates 340 degrees
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Patz

To Sponsor Forum

COLLEGE PARK, Md. — The University of Maryland's Agricultural Experiment Station will sponsor a half-day forum Jan. 14 on the challenges and opportunities that face agricultural scientists in Maryland.

"Agricultural Research In A Changing Environment" is scheduled for the University's Center of Adult Education, room 1123, from 8 a.m. to 12 noon.

The forum will include the following topics:

- Technology, Public Policy and the Changing Structure of American Agriculture;
- The Changing Rural Community and Its Implications for the Agricultural Research Agenda;
- Current Trends in the Biological Sciences and Their Implications for the Agricultural Research Agenda; and,
- The Future of Publicly Funded Agricultural Research.

There is no charge to attend the forum. Registration begins at 8 a.m. The forum begins at 9 a.m.

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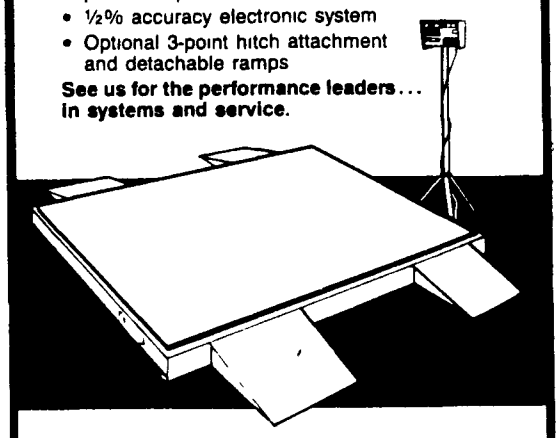

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Jordan Receives Heifer Project Animals

Children of impoverished families in rural areas of Jordan now have the life-giving nutrition of milk to help them grow up healthy and strong, thanks to Heifer Project International, a U.S. based, non-profit agricultural development agency. Heifer Project has been saving cattle scheduled for slaughter under the federally sponsored Dairy Termination Program and shipping the cows to areas where milk is not normally available.

Fifty cows were shipped to Jordan in May and another 100 cows are scheduled to be sent in 1987 to help low-income families provide food for their children. An American dairy cow can produce up to five gallons of milk a day for hungry families. Heifer Project has already shipped 891 cattle from the Dairy Termination Program to Mexico, Honduras and Jordan. Another 200 are scheduled to be sent to Mexico in December. Shipments to Egypt, Bolivia, Jordan and Mexico are scheduled for 1987. Heifer Project is seeking donations to help "Save the Cows."

Mifflin Co. DHIA

(Continued from Page D25)

Cas Stead Farms				
#172	3	7 1	23,181	942
#71	3	6-4	25,232	884
David C Yoder				
Ada	3	4-8	21,276	969
Gail	3	5-5	22,189	885
John E Lapp				
Inez	3	6-3	24,991	916
Marvin E Peachey				
Fran	3	6-2	22,118	854

FORD TRACTOR DEALER
PARTS AND SERVICE REPORT
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That's Ford's 3-year free scheduled maintenance and free 3-year warranty!* It's the best in the business–and a very good reason to buy a new TW Series tractor. But, there are lots more:

- Four new models–105-170 PTO hp
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- 16-speed Dual Power transmission
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- Optional front-wheel drive

*Three years or 2 500 operating hours whichever occurs first Ask your dealer for complete details

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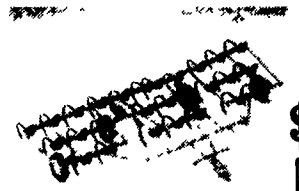

ERT838DOFT 1 16th Scale — $6.95 Less 10%

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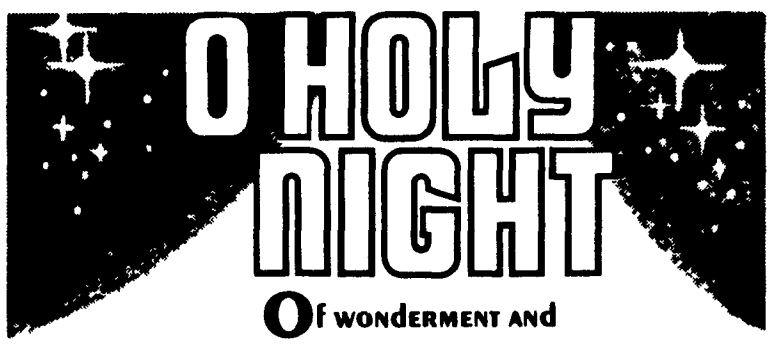
Please support your high school's Vocational Agriculture-FFA program!



Of wonderment and peace... a child was born to light the way for all mankind. His birth means so much to our lives... let us celebrate in a special way... and rekindle our faith and love in Him.

KELLER BROS. SINCE TRACTOR CO. 1921

730 S. Broad St. Lititz, PA 17543 Lancaster County

RD 7, Lebanon, PA 17042 Rt. 419 - 1 Mile West Of Schaefferstown (Buffalo Springs)

Franklin County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

October 1986

A 5-year-old Holstein owned by Keith and Margret Clark topped the October Franklin County DHIA report She completed a 305 day lactation of 34,209 milk and 1,409 fat

Name	Brd	No Cows	Lbs. Milk	Lbs. Fat
Oakleigh Farm	3	116	20,993	797R
Richard Harshman & Son	3	77	21,630	792
R V & S V Hollenshead	B3	99	22,510	788R
Keith & Margret Clark	3	42	21,472	782R
Long Lane Holstein	B3	12	20 467	768
Jaye & JC Young Jr	3	62	20,550	761R
Edwin R Eby	3	58	19,684	752
Howard & Steve Mellott	B3	111	20,733	746
Alvin Meyers	3	55	20,026	742R
Roger Beck	3	75	17,590	717
Ray & Roger Garber	2	58	14,995	716
John Z Witmer	B3	38	20,296	715
Frank S Heberlig	3	35	20,044	714R
Wayne A Hall	3	39	19,308	706R
Robert H Eckstine	3	45	18,959	705R
Clinton Stahl	3	69	19,439	703
Lawrence Lehman	G3	65	18,665	703
Carl O Stuff	3	53	19,468	698
Hamilton Height Farm	B3	166	19,472	697
Mike Flannery	B3	75	19,458	694
Keeners Dairy	B3	119	18,038	694
Mark W Meyers	3	87	19,464	692
Aldus Eby	B3	55	20,380	690
Lester D Fortna	3	33	18,216	690
Harold Goshorn	G3	76	18,833	685
R Cordell & J McKenzie	B3	123	18,540	682
Virgil-Daryl Crider	B3	102	18,760	682
Ro-Mar Co-Holsteins	3	29	19,872	681
Kenneth L Caufman	B3	46	18,255	679
Rodger T Kennedy	B3	65	19,260	678A
Robert E Harwood	3	103	18,794	676R
Gaymere Farms	3	187	18,154	675

Keith & Margret Clark							
Bunnie	3	5 2	305	34,209	4 1	1409
Princes	3	4 11	305	27,180	4 1	1126
Lawrence Lehman							
75		6 3	305	26,242	4 1	1065
Richard Harshman & Son							
Inky	3	3 1	305	26,090	4 0	1052
Harold F Crider							
Fannie	3	4-9	305	26,434	4 0	1045
Joseph S Middour							
Shorty	3	4 3	305	24,714	4 2	1042
Walter N Ocker							
Janice	3	4-9	305	26,634	3 9	1041
H Lester Oyler Est							
Vera-92	3	3-9	305	23,947	4 3	1025
R V & S V Hollenshead							
Val	3	5 3	305	23,834	4 2	1000
Rebeken Farm							
53	3	3-11	303	25,931	3 8	989
Oakleigh Farm							
Veronic	3	4 0	305	21,841	4 5	978
Josphin	3	4 9	305	27,506	3 5	955
R C & J R Shoemaker							
Dawn	3	6 10	305	26,330	3 6	950
Robert L Bailor							
Nikki	3	5 10	305	27,651	3 4	948
Walnut Lane Farm							
Cupid	3	4 9	305	19 325	4 8	934
Jaye & JC Young Jr							
Kami	3	4 11	305	19,076	4 8	925
Alvin Meyers							
Jean-43	3	5 4	305	21 944	4 2	925
R V & S V Hollenshead							
1	3	3 2	305	27,937	3 3	925
Robert E Harwood							
110	3	4 9	284	22,161	4 2	924
Alvin Meyers							
Gingr 40	3	5 10	305	25,142	3 7	920
R Cordell & J McKenzie							
12	3	3 6	295	21 878	4 1	905

(Turn to Page D28)

KELLER BROS. TRACTOR CO.
SINCE 1921

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Kubota Diesels

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L-235F
2 WD, 23.5 HP Diesel
Reg. $8,480
SALE $6,400

Stop By And See The All New Remote Controlled 4WD Kubota Mower!

7.5% Financing

B5200 E
2WD, 13 HP
Reg. $6,190
SALE $4,790

2 Only

L2250 F2
2 WD
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G3200 w/40" MOWER
ONLY $3,695

Nothing cuts grass like Kubota diesel lawn and garden tractor
The G4200 model you see here has a 12 horsepower water cooled diesel engine. It's designed to outlast ordinary gas mowers by many seasons
It will not only last longer, it will run cheaper. With no spark plugs, carburetor or distributor to wear out, maintenance costs are almost nothing. Diesel fuel is cheaper too.
You can see all the Kubota G Tractors right here. Hurry for the best deal available

EXCAVATOR MODEL KH-90
SALE $24,500
Reg. $29,100

DEMONSTRATOR SALE

	Reg.	SALE
1 Only G5200H w/Mower, 14 HP, Hydro	$6,390	$4,950
1 Only B6200 HSE 2 WD, 15 HP	$7,810	$5,800
1 Only L3750 MDT w/Kubota Loader	$21,000	$16,500
1 Only L2250 DT-7 w/Loader & 6' Belly Mower	$14,500	$11,500

We Offer Full Warranty On Our Demos!

M-SERIES HAVE A 3-YEAR WARRANTY FROM KUBOTA

1 Only M6950 DT w/Cab, 65 PTO HP, 4 WD	$29,500	$19,500
1 Only M8950 DT w/Cab, 86 PTO HP, 4 WD	$37,524	$25,000

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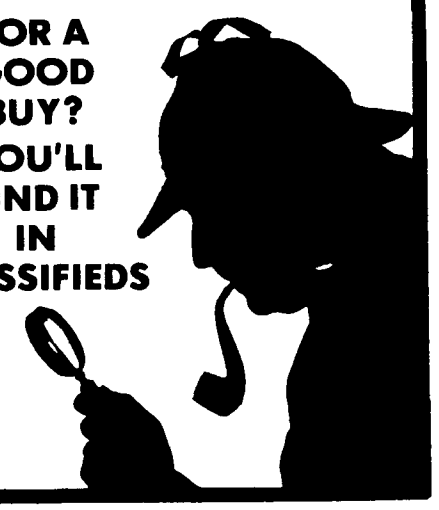
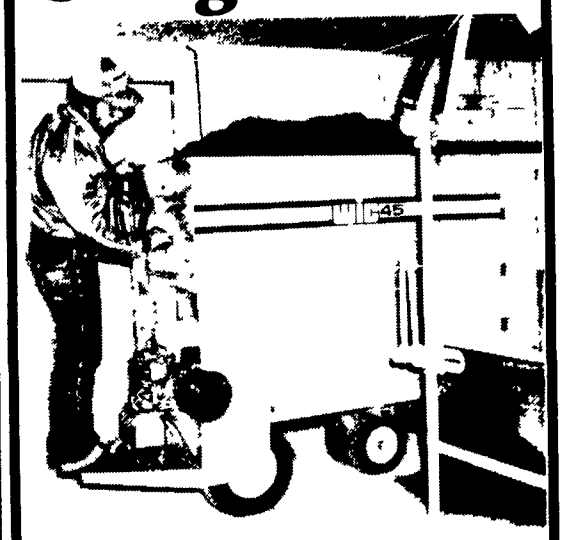


WIC
Silage Carts



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New Tax Law Taxes Previously Untaxed Income

UNIVERSITY PARK – Several sources of income not taxed prior to 1987 will be subject to tax under provisions of the Tax Reform Act of 1986. This means that taxable income will be larger and, in some cases, the taxes paid will be more than before the tax code was changed.

Prizes and awards: Prior law provided that prizes and awards received for artistic, scientific, and similar achievement were excluded from income. The exclusions applied if recipients did not specifically apply for the prize or award and they were not required to render substantial service to qualify for it.

The Tax Reform Act of 1986 repeals the above exclusion, effective after 1986, except when the recipient assigns the prize or award to a tax-exempt charitable organization. However, awards presented to an employee for length of service or safety achievement may still be excluded from are not qualified plan awards (awards based on safety record or length of service) do not eexceed $400.

If the qualifying criteria are met, employees may exclude the prize or award from their income and employers may deduct the cost of the prize or award.

Scholarships and Fellowships: The new tax legislation makes major changes in the tax treatment of grants, scholarships and fellowships. In the past, degree candidates at a college, university, or other educational institution could exclude from their income money received as scholarships or fellowship grants. Incidental amounts used to cover expenses for travel, research, clerical help, and equipment were also excluded.

The new legislation permits amounts received from grants, scholarships, and fellowships to be excluded from income only to the extent the proceeds are used for tuition, fees, books, supplies, and equipment required to complete a course of study. Amounts spent for room, board, and incidental expense are not excludable from income.

A provision under prior law that permitted exclusion from income for payments for services required of all degree candidates is repealed. Also, an exception under prior law relating to federal grants made to nondegree candidates is repealed.

The changes are effective for grants, scholarships and fellowships awarded after Jan. 1, 1987. Prior law continues to apply to scholarships and fellowships granted before Aug. 17, 1986. In the case of scholarships and fellowships granted between Aug. 16, 1986 and Jan. 1, 1987, any amount received prior to Jan. 1, 1987 and attributable to expenditures incurred before Jan. 1, 1987 is excluded from income by prior law.

Business expenses: Before passage of the Tax Reform Act of 1986, deductions were generally allowed for ordinary and necessary expenditure connected with conducting a trade or business. Travel expenses incurred while away from home in the course of a trade or business, including expenses for meals and lodging, were deductible as long as they were reasonable and not lavish or extravagant.

The new law includes important changes relating to business travel expense. These changes permit only a percentage deduction, rather than total deduction, of some expenses and place a "floor" on deductibility of certain expenses, similar to the floor used in deducting medical expenses under the old law.

The deduction for the cost of operating an auto or pickup for business purposes is unchanged when the vehicle is used entirely for business by the owner or, in the case of an employee, to the extent the employer reimburses the employee for such expense. Business vehicle costs may be based on the actual expense of operation or on a standard mileage rate.

If a part of an employee's business vehicle expense is not reimbursed, the unreimbursed amount may be deducted only as an itemized deduction and only to the extent that the amount exceeds 2 percent of his adjusted gross income.

Business meal expenses are deductible to the extent of 80 percent of the amount spent. To qualify for the deduction, business must be discussed immediately before, during, or directly after the meal. Deductions for business entertainment expense other than meals are also reduced to 80 percent of the amount spent.

If the expense deduction involves tickets to athletic events or other types of entertainment, any ticket cost in excess of the face value of the ticket is not deductible unless the tickets are for charitable fundraising or sporting events. Deductions for rental of luxury viewing areas at sporting events is not allowed to the extent that the cost exceeds the cost of regular tickets.

Support Vocational Agriculture & FFA!

Franklin Co. DHIA

(Continued from Page D27)

Burk Lea Farms 78	3	8-3	305	22,849	4 0	904
Donald L Brechbill 14	3	5 1	305	24,979	3 6	904
Robert E Harwood 32	3	5 2	305	25,504	3 5	903
Keith & Margret Clark Linda	3	6-3	305	28,800	3 1	892
Dale Wadel Creek	3	5-3	305	24,600	3 6	880
Joseph S Middour Lindsey	3	8 6	305	25,027	3 5	879

MAILBOX MARKET FOR SALE

Thermo King NWD-30 diesel, Reefer Units, some units w/3 phase electric stand by motors. Best Offer. Cecil Co., MD. 301-287-5277

JD 50 tractor, runs good, $750.; 1975 Int. dump truck, needs work, $1,300. Chester Co. 215-869-2001

3 year Appaloosa TB Sorrell, well broke, safe for beginner. Also registered Arabian at stud. Adams Co. 717-359-5281

2 wooden range chicken feeders, approx. 12' to 14' long. 1019 Millersville Rd., Lancaster, Pa. 17603. Lanc. Co. 717-872-5886

Snow blade, sickle mower for Cub Lo Boy; Complete fast hitch for Farmall Super C, 200, $375. Ho. Co. 301-489-4993

(2) 12 hole hog feeders, good condition, $75. each; 500 bales, choice 3rd cutting alfalfa. Baltimore Co. 301-592-2969

40' curb forms, $450.; Sidewalk forms, $200.; 2500 lb. scale, $800.; 6" aligator shear, $500.; 8' aluminum brake, $500. Northumberland. 717-286-5306

35 extra large Embden and Toulouse geese. Breeders. 717-732-4035

Auger Butler, 26'x4", $90.; IH grain drill, semi mounted #10, $375. Colora, Cecil Co. 301-658-3767

2 Registered Quarter horses, 7 month old colt, and 1½ year old gelding. Dauphin Co. 717-944-5374

(1) 9.5x24 tire, $55.; (1) 7.5x24 tire, $25.;Delivery to Lancaster available. Henry Stauffer, P.O. Box 115, Loveville, MD. 20656. St. Marys Co.

3 yr. old Saddlebred horse, broke & ready to go. Emanuel B. Stoltzfus, RD3, Box 87, Honey Brook, Pa. 19344.

IH 155 manure spreader; JD 355 plow, 5x16; AC 600 no till planter; MF 10½' plowing disk; McCurdy 250 bu. bin wagon. Clinton Co. 717-726-6822

Maytag wringer washer, $55.; (2) floor type stereo's, Magnavox, $65., Sears, $15.; Child's desk, $6.; Men's skates. Berks Co. 215-670-1260

Handmade quilt rack. Also AQHA weanling colt, Blue Roan w/good confirmation and disposition. Berks Co. 717-933-8063

5HP Directair air compressor in excellent condition. Juniata Co. David M. Swarey, RD #1, Box 140, Mifflintown, PA 17059.

AC WD on steel for parts (or can be fixed), $400; loader, $50; cultivators, $25. Union Co. 717-966-3964.

John Bean potato-onion grader, rubber rolls, size baggers, autocar, 4WD, C&C, runs well, 1100-22 rubber. Corland, NY 315-696-8602.

Arts-Way Grinder Mixers
MEET THE 475 -
More Work-Saving Features

Choose It With Or Without Hydraulics

BASIC 475 has mechanical auger drives

1. **Manual lift** for unloading auger cranks easily
2. **Spring-loaded lift assist** is standard equipment
3. **Built-in stop** prevents vertical auger from rotating into the mixing tank
4. **Lock** keeps vertical auger from rotating while you're unloading
5. **Screen holder** is on left fender close to mill
6. **Concentrate hopper** is at left rear, has built-in sack cutter Magnetic catch holds lid open while you load
7. **Rotation** of unloading system is by hand crank No reaching, pulling or pushing
8. **Feed door** in tank opens smoothly, has friction lock to hold it open
9. **Control lever** for unloading auger is near feed door
10. **Shutoff control** for auger feeder can be operated from either side
11. **Auger feeder** positioner lets you snug hopper up tight to bin without moving tractor Up to 5" backward movement is provided
12. **Hydraulic drive** on auger feed er (optional)
13. **Lift & swing** of unloading auger with tractor hydraulics (optional)
14. **Extensions** for unloading auger are optional Shown is 3' ex tension

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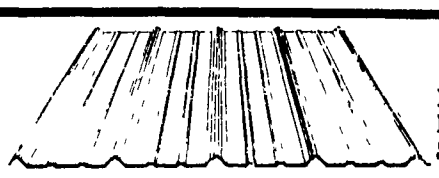

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- 12 colors in galvalume, plain or painted

Imperial Rib is custom-cut to the inch to fill your needs in lengths up to 45 feet, reducing or eliminating end laps. You get a tighter, stronger, more attractive building.

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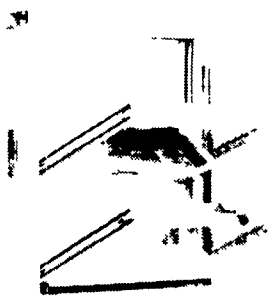

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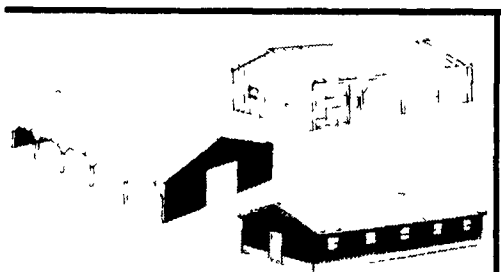
6"x6"	—	18.50	20.95	25.15	29.93	34.75	39.90	44.75

2x6 CENTER MATCH TREATED BOARDS

10'	12'	14'	16'
4.17	4.99	6.15	7.25



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MAILBOX MARKET FOR SALE

8 ton galv. feed bin w/auger, $950; NI 300 corn picker, $450; NH 467 haybine, $1,850. Berks Co. 215-756-6154.

Student size desk and chair. $30 or best offer. Dark finish, good condition. 215-987-3761.

Pygmy goat kids, bucklings, 7 wks. old, $40 ea. Lanc. Co. 717-284-3329.

Black Monarch cookstove, good condition. Cumberland Co. 717-532-7081.

Burlap bags. Snyder Co. 717-374-8898.

4400 JD combine w/13' grain head, very good, shedded. Col Co. 717-784-6799.

Peacocks. 22 window sash 32x36, light and some screens. Perry Co. 717-789-3241.

FREE for dismantling and cleanup. 30x40 three story chicken house Silver Spring area. Lanc Co 717-285-4847.

7HP Yardman riding mower, good condition. Lanc. Co. 717-442-4539.

Pioneer maid wood cook stoves with and without reservoir. Lanc. Co. Earl B Martin, 215-445-4600.

English springer Spaniel pups, AKC, liver and white. Ready Christmas eve. Lanc Co. 717-768-8178.

NH 518 manure spreader, hyd. endgate, new sides, works OK, $900. Perry Co 717-789-3711.

Large oak desk, refinished. Has 14 draws. Asking $400 Pike Co 717-588-6350 eves.

1965 pickup truck, ¾ ton, needs motor work, $300 215-445-6959.

32' 5 wheel trailer, ball hitch, special construction, 1986 Lanc Co 717-687-6179

Turkey picking machine Upper Bucks Co 215-847-2276 Leave Message

IH 251, 2R corn planter w/double disk openers, fert. attach., FH or 3 pt.; IH 211 FH 2x14 tripback plow, both very good, $350 ea. Carroll Co. 301-848-0711.

Scottish Terrier male; miniature Schnauzer male dog, AKC, 2 yrs. old Can Deliver. Wayne Co., NY 315-946-4399.

NH 479 haybine, late model, excellent condition, $2,400; IH 1150 grinder mixer, knives turned once, nice shape. $1,600. Indiana Co. 814-749-0879.

Hough payloader dsl., $1,500; 2010 JD, $2,500. Lanc. Co. 717-548-2286.

Five registered Jersey springing heifers, $550 ea. For pedigree in call 717-297-4303. Bradford Co

20 feeder pigs. Also JD 494A corn planter w/liq. fert., $150. North of Myerstown. Berks Co. 717-933-8561.

5400 Hesston round baler, JD 14T, two MF 12 w/throwers, one MF runs, one for parts. Best Offer. Buy one or all. Lanc. Co. 215-484-4148.

Purebred Yorkshire boar, 2 yrs. old, good producer. From Strawbridge stock. Harford Co. 301-452-5122 eves.

Massey Harris 44 with good 13.6x38 tires, 6 ply and new generator and starter, $600. Runs well. Cumb. Co. 717-697-9788

Ford 3 pt. hitch saw buck belt driven, 30" blade, $65; Ford belt pulley, $65. Lehigh Co. 215-967-3957

100,000 BTU boiler natural gas Can be converted to LP, $450 or Best Offer. Lanc. Co Fisher, 3817-B Ridge Rd., Gordonville, PA 17529-9749

AKC female Air-dale, 3 yrs old, very friendly Lanc. Co. 717-653-5630

Int. 684 dsl. tractor, 2610 hrs , 18 4x30 tires Lehigh Co $7,100 215-799-3147

Nice, Toy Fox Terrier puppy, 7 weeks old. Ben S. Stoltzfus, 344 Hess Rd., Leola, PA 17540.

Brand new storm windows: Six 32"x66" with screens; six 24"x54", five 36"x54" $10 a set. Melvin Stoltzfus, Rebersburg, 717-349-8016.

Reg. quarter horse gelding, 2 yrs., chestnut blaze white sock. $700 Monroe Co 215-381-2124.

Frigidaire washer and dryer; Tappan electric stove with self cleaning oven, like new. John Strawbridge, 717-246-2732.

Registered Australian shepherd pups, variety of colors. Good working stock. Excellent family and guard dog. $150. New York, 716-595-3210.

Two acres with stream, large stone house, $95,000. Sandblasting business with equipment, 3 acres and buildings, $165,000. Lehigh 215-298-2413

CFA Persian kittens, 6 months old. Champion sired. White males. Black female. Would make cute Christmas kittens. Franklin Co. 717-263-0932 eves.

600 bales first cutting alfalfa hay, $85 ton Perry Co 717-582-4598.

Used hanging type rabbit cages. Lanc. Co. After 7PM, 717-665-7212

Two row 38" corn head fits NH 818, good condition Franklin Co. 717-530-1145.

Kuhn FC55 disk mower conditioner, 3PTH, 6'7" cut, good condition, $2,000. Huntingdon Co 814-669-4634.

Super A w/cult & sickle mower, $1,950; Int. 130 w/cult & rollover plow, $3,250, Cleatrack w/o blade or winch, $1,000 Luz Co 717-477-2611

Speed sprayer fert. spreader, JD 2B plow Retiring. Best offer Half and bushel baskets lids. York 717-741-1773

Reg. Morgan stallion, direct Son of Waseeka s Nocturne and Ben Don Daughter back to Mansfield, beautiful head, 15.2 H. Elk Co 814-834-4960

8N Ford tractor/plow, used very little, last 25 years, cultivator if desired and weeder. Lanc. Co. 717-548-2513

Young Ferrets; Button and Bobwhite Quail; '86 hatch Blue Peafowl; Indian Red Jungle Fowl; Blown Rhea eggs. Lanc. Co. 717-733-2425

2 Smidley hog feeders, (1) ten hole, $80.; (1) twenty hole, $125. Both for $195., good condition. Lanc. Co. 717-684-6328

English walnuts, $7. ½ bu. Eli Newswanger, RD2, Box 47, Narvon, Pa.17555.

28' gooseneck 2 horse trailer, 7'2" high w/furnished living quarters, track department, $5,000. or Best Offer. Centre Co. 814-355-4349

Rebuilt heads, IH D282, 806, 600, Case, JD, Allis, etc. Spring Garden Repair, 145 Spring Garden Rd., Kinzer, Pa. 17535.

(2) used 7 ton Stoltzfus bins, in good condition. Price Reasonable. 717-367-1545

3rd cutting, good quality Alfalfa Hay, $140. ton at farm. Robert Lichty, RD1, Box 150, Columbia, Pa 17512. 717-684-8092

4 new 3"x16" Prince tie rod hydraulic cylinders, $60. each. Bob Diener, Morgantown, WVA. 304-599-4027

1256 IH rebuilt motor, rebuilt TA, good shape, wide front for 56 series IH. Garrett Co 301-245-4573

Gas heater, small type, 1 room, good for egg room, shop heater, $30. Cash. Lanc. Co 215-267-7049

Kirloekar 2 cyl diesel power unit, works good Asking $2,000 Also David Bradley disk Enos Hershberger, Box 6, Woodward, Pa 16882 Centre Co.

9x7, 10x10, 8x7 overhead garage doors, good radiator for C60 Chevy truck w/350 motor, $100. Berks Co. 215-488-1541.

Two P195-75-R14 snow tires on 14" Ford wheels, two 15" wheels for Ford pickup truck. 717-867-2255 or 867-1280.

Weaverline feed cart, gear drive. Chester Co. 215-593-6927.

'67 GMC church bus, 48 passenger, $800 or Best Offer. New clutch and front tires. Montg. Co. 215-234-4786.

10 hole 18.4x38 duals, new 18.4x38 on inside rims, rebuilt engine, all for 4440, 4-16" and 2-16" plows. 717-266-5558 eves.

Franklin wood stove hardly used, double door front cooled pipe grate w/2SP fan, other grates, $225. Lanc. Co. 717-656-6944 or 656-6906.

Four white aluminum storm windows 36x55; ½HP shallow well jet pump. Alvin Brubaker, Rt. 1, Denver, PA 17517. 215-445-4420.

Quality mixed hay, first cutting, no rain, $1.85/bale; third cutting, $2.80/bale. Lebanon Co. 717-838-4610 eves.

425 gal. Esco ice bank milk tank w/compressor; 9" silo pipe. Best Offer. Lanc. Co 215-445-6698.

McCormick Deering 10x20 tractor on full steel wheels, engine stuck, $400. Carroll Co., MD. 301-346-7327

1800 gal stainless steel bulk milk tank fits 14'-16' truck body, $2,000 Chester Co. 215-323-8440 eves.

Jack Russell Terrier wanted in exchange for beautiful registered coonhound puppy Shots wormed World champion bloodlines Can deliver 717-437-2431

Oats, good clear feed oats. Approx 200 bu Chester Co. 215-696-8570 after 6 30PM

Top-line dumping station (electric), used less than 1 year, ex. conditin, 52 gal. hot water heater, $30. Schuylkill Co. 717-386-2760.

AMC 81 Eagle S.W automatic 4DR, clean, no rust, high mileage, $2,000 or best offer. Lanc. Co 717-284-2379.

AKC female Rottweiler, 2½ years, exceptional temperament Due to welp in January. Raised 10 pups in previous litter. $450. Lanc Co. 215-445-5325.

Top buggy, excellent condition; Farmall Super C, FH, including cultivators, disk harrow, plow and platform. Best Offer N. Lanc 215-267-4286.

AKC Brittany pups, shots and wormed. Will be ready the week of Dec. 22. Lanc. Co. 717-354-5682.

Five metal 20' roof trusses, 20 metal postts for 18-40 building, $550. York Co. 717-235-2032.

Spring wagon, roller bearing, new paint. Samuel E. Stoltzfus, N. Churchtown Rd., RD2, Narvon, PA 17655. 1½ mi. from Cains. Lanc. Co.

NH 353 grinder mixer, like new. Lanc. Co. 215-445-6568

JD 11' transport disk. Best Offer. Chester Co. 215-363-2390 eves.

Black colt about 1½ yrs old. Best Offer. Mother is Mustang. Father a quarter horse. Lebanon Co 717-838-9094

JD 350 crawler loader, totally new undercarriage, rebuilt engine, steering clutches, $13,000 Northampton Co 215-253-8076

Mold pouring table for ceramic molds, $250, good condition. Pomeranian female AKC, 6 mos , $175 Lanc Co 717-684-0452

Standardbred horse Willing older horse, $350 Lanc Co 717-354-8126

Poplar lumber, clear air dried, .65 cents board ft. Also pine lumber, air dried, .55 cents ft. Lebanon Co. 717-964-3055 Evenings.

Int. 110 chuck wagon, $1,500 ; NI horn loader w/40" ground and 40" manure bucket, $500 Schuylkill. 717-668-2049

Jelly cupboard by John Rupp, York Co. Original grain paint, dovetailed case and gallery, $695. Somerset, PA, 814-445-5922.

Wheelchair, good cond., walker, good cond.; hospital bed w/tray, good cond. Chester Co. 302-994-7220 eves.

Magnum 20' silo unloader, used very little since complete reconditioning. Make offer. Montg. Co. 215-234-9262 after 6 PM

AKC cockers, champions, pedigree male and females; AKC female shih-Tzu AKC toy male and female poodles. Lanc. Co. 717-354-2078.

1982 Grand Marquis Mercury, air cond., PS, electric windows, doors, seats, antenna exc. cond., 53,000 miles. Chester Co., Oxford, PA, 215-932-5873.

50 HP and 60 HP electric motors, 3 phase, good, sprout Waldron corn cracker and grain cleaner. Lehigh Co. 215-282-3474.

Feeder cattle, 700-800 lb , feedlot acclimated, 10 steers at 58 cents, 7 heifers at 49 cents or 54 cents for all. Lehigh Co 215-298-2803

Registered Appaloosa gelding, 4 yrs old, good mover, good conformation, 15 2 hands, reasonable. Adams Co 717-528-4262 after 4 PM weekdays, anytime weekends.

Steamer, Frick traction engine, 8½x10, #23112 George B Leid, R1, East Earl, PA. Lanc Co North of Terre Hill

16 weeks old, AKC Bluetick tri-color beagle pups, good hunting stock Lebanon Co 717-949-3425.

Pheasants, Golden, Red Golden, Amherst, Reeves, Indian fantail pigeons and Mille Fluer Banties Cumb Co 717-423-6620.

Mobile home axels, wheels and tires; Bob White quail pheasants and turkeys Dauphin Co. 717-566-0724

Reg. Australian cattle dog pups, Blue/Red Heelers. Ready for Christmas Females, $120, males, $100 Lanc Co. 717-529-2937.

19 HP diesel tractor and loader, 300 hours, $5,700, 14' trailer, $1,350; 2 door commercial freezer, $600. 36" snow blower for tractor 717-442-4279 eves

1975 Austin Marina, 47,000 miles, 4 door, AM-FM, 4 spd , needs points and battery, $100 Lanc Co 717-367-3807

Jake brake for small cam Cummins, excellent condition, $700 Sch Co 717-345-4489

600 bales Timothy Hay, no rain, $95 ton or $1 75 bale, picked up at barn York Co , Pa 717-741-3089

IH 720, 5-18" on land hitch plow, ex cond , $5,500 , IH 800 cyclo planter, less than 325A, Ford 4400 industrial tractor w/ldr, cab & chains, $5,850 Geneva, NY. 315-789-2938

Pawnee Farm, Arlinda Chief Son, Dam VG 86, 2 records over 20,000, GrDam GP 83, 4 records over 20,000, Mat sister VG 85 21,000, breeding age Jonas Lantz, 408 Hess Rd , Leola, Pa 17540. Lanc Co

Kenmore portable electric washer, excellent condition, $200 Chester Co 215-932-9257

D 17 gas, wide front, PS, good running order Lanc Co 717-687-0102

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DS coal fired bucket-a-day stove hot water, 3 yrs. old, $275. Reuben Riehl, 273 Newport Rd., Leola, PA 17540.

14 month female, Blue Heeler, 7 AQHA colts, filleys, mares, $350-$1,500. Will hold to Christmas. Lanc. 717-653-5327.

Black and tan coon hound, 12 months, started, registered. World champion bloodlines. Chester Co. 215-793-2656.

Small mixed rat terrier puppies. Will hold until Christmas. Lanc. Co. 215-267-5209.

Super M tractor, $1,000; #9 silage cutter, $1,300. Excellent cond. Jacob Esch, 3470A W. Newport Rd., Ronks, PA 17572.

10 HP engine, hydraulic wood splitter, $750, like new. Amos E. King, Jr. 3223A W. Newport Rd., Ronks, PA 17572.

Coles #22 meat grinder w/1 HP motor, includes 3 knives and 4 plates; 2'x8' ash log. Berks Co 215-367-7256.

24' corn and bale elevator in good cond. and 3 pt., 2 row Black Hawk corn planter. Berks Co. 215-562-2118.

Wood burning cookstove and cypress lumber; also X-Mas tree planter. 215-932-9395.

Meyers 7' blade for JD tricycle, $350; 15' Swenson spreader box for salt lime fertilizer, new cond. Baltimore Co. 301-922-5180.

Six new 11.2x28 tractor tires, $100 each. Mint US stamps and plate blocks. Perry Co. 717-582-4898.

13 Holstein heifers due Jan. and Feb. from Bucks and Montgomery Co. Best herds. 215-766-7336.

Morgan mare, 17, not sound, good pet or rider. Best reasonable offer. Stephen Lapp, Long Lane, Oxford, PA 19363.

2,000 bales nice Timothy hay, no rain and 500 bales bright wheat straw. Bucks Co. 215-249-9136.

78 Subaru Brat, 4 WD, 4 speed, 22 MPG, sunroof, 74 jeep Cherokee, 4 WD, 3 speed, auto hubs. York Co. 717-244-0624.

Two sicilian donkeys, male and female, 2 yr. old. Allen Nixon, Pemberton, NJ 609-267-5977.

Breeding stock paint yearling gelding, $700 or best offer. Bucks Co. 215-297-8006 after 5 PM.

MF 260 forage harvester, grass and corn head. Completely rebuilt, field ready, $3,500. Cambria Co. 814-736-9712.

14" childs English saddle, used once Perfect Christmas gift, $90. Berks/Lehigh Co. 215-845-3119 after 4 PM daily

Three registered Nubian goats, 1 fresh doe, 1 to freshen in March. Buck, 3 yrs. old. Mifflin Co. 717-899-7578.

Room heater, wood or coal, Kalamazoo brand. Asking $100 cash. Hunt. Co. 814-259-3377.

Four yr. old carriage horse mare, well broke, traffic safe and sound. Martin Reiff, R1, Narvon, PA 17555, off 625 in Bonmansville.

Second and third cutting alfalfa hay, $100/ton; wheat straw. Can deliver. Berks Co. 215-682-7874.

Stihl F.S. 200 brush cutter, industrial model, mint condition, $225. 215-445-5697.

36" snow blower for 8-10 or 12HP wheel horse tractor, good cond.; antique hand carved wooden bed, 57" wide. Lanc. Co. 717-569-3879.

10x50 Lancaster Silo. Jonas S. King, 329 Centerville Rd., Gordonville, Pa. 17529.

Brand new 1986 Ford PU bed w/step bumper, $825 York Co. 717-382-4395

50 ton orchard timothy. Also 50 T. 2nd cutting orchard timothy, all good quality, no rain, delivery available. Sch. Co. 717-345-4489

1976 Dodge power wagon, loaded, club cab, 7' plow. Harold Walls, Chester Co. 215-255-4374 after 6 p.m

IH loader, model 2001, double acting cylinders, Farmall type tractors. Snyder Co. 717-658-7731

white tractor, 2-75, 4WD, 87 h.p. w/loader, QA, 3 outlets, excellent traction, power versatility, $19,500. Cecil Co., MD. 301-658-5023

10 farrowing crates; creep feeders; LP gas heaters; in good condition. Chester Co. Michael S. King, 22 Street Rd., Oxford, Pa. 19363.

Myers jet pump, half h.p., used only 2 years, $295. York. 717-432-5731

Myers HC50 ejecto water pump w/½ h.p. motor, good condition. Daniel Beiler, 78 S. Maple Ave., Leola, Pa. 17540. Lanc Co.

Antique pony hitch wagon, restored on rubber springs, single shaft. Also pony harness, custom made, $775. 914-258-4230

Cockatiels: Breeder selling out. Young, quality breeders. Lutinos, pieds, pearls, splits. Some cages. Bucks Co. 215-257-8847

Parting out: 72-C-30, 350, 4 spd., PS; 17' car trailer, everything new, $1,200 neg. WD45, $850.; 79C-30 single wheel rear. Lanc Co. 717-284-2640

1970 Int. dump truck, 10' bed, 450 6 cyl., 5 spd., 2 spd. rear, air brakes, good rubber, will insp., $5,500. York Co. 717-456-5020

8 Doverman puppies, all males. Also Ski Doo snowmobile, model 440, electric start. Sold as it is. Berks Co. 215-488-6816

24 Calumet manure pump, hydraulic controls, JD 465 flail spreader; JD #40 spreader w/hyd. endgate and Badger 205 spreader. Centre Co. 814-349-5117

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400		57	$10,145
420 4WD	Plus	57	$12,030
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505	&	70	$11,995
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560 4WD	Prep	70	$10,800
562 4WD Cab	Less	70	$13,900
611	Trade-In	60	$12,385
800		'85	$11,985
820 4WD		85	$14,995
822 4WD Cab		85	$15,995
922 4WD Cab		100	$17,000
KPH-2 1 Rotary Mower			$2,400
Engine Ideal for Skid Loader		29	$2,395
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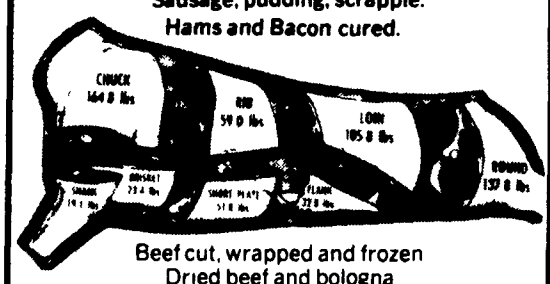

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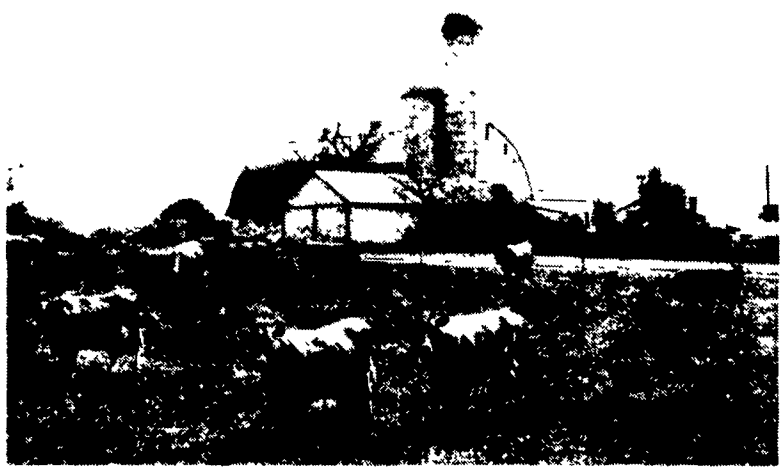

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Used cornor wheels for acorn cable type gutter cleaner. Centre Co. 814-625-2484

Eagle PC2 computer; IBM PC compatible, 512 KRAM, dual disk drives, word processing, spreadsleet file, accounting software, ex cond., $750. 215-942-3123

1 tame crow, 8 month old. Lanc. Co. 215-484-4131

61 T tag farm truck, Dodge, good motor, stake body, fair condition, $400. 717-356-7667

Hog scalding trough, Wire rabbit pen w/12 sections. Lanc. Co. 717-392-1811

Building lot, recreation area, sewer and water hook up. Columbia Co. 717-672-2113

AQHA 15.2, gelding, 12 yrs., rides English or Western, nice disposition, jump, hauls great, $2,500 or B.O. Lebanon Co. 717-949-3259

Registered [illegible]pshire ewes, rams, lambs. D'Ambra-Shepard bloodlines. Practical x-mas gift. Visitors welcome. Lebanon Co. 717-949-3653

Wood hot water furnace, $200.; Mc 2 way plow, good bottoms, $100. Gideon Stoltzfus, 561 White Horse Rd., Gap, Pa. 17527.

FREE: Puppies, AKC Russian Wolfhound and purebred Pointer mix. Will make good hunters or pets. Chester Co. 215-286-5403

Chihuahua puppies, will be 6 weeks old Dec. 19th. Jonas Stoltzfus, RD2, Box 279A, Narvon, Pa. 17555. Along Blank Rd., Lanc Co.

1975 CO Ford F700, cab & chassis, double frame, will take 14-16' body, $1,900. Harford Co., MD. 301-529-1710 after 8 p.m.

160x6 chain link fencing, real good condition. Also closed Amish wagon w/hyd. brake, fair condition, $650. Lebanon. 717-272-9777

Male Fox Terrier puppies, 7 weeks old, $35. C.K. King, 5131 Amish Rd., Kinzers, Pa. 17535.

NH 350 grinder mixer, working condition. Lanc Co. 717-354-9370

JD 716-A wagon, tandem running gear, $4,500.; JD plow 316, $400. Fred. Co., MD. 301-371-7704

Model T Ford motor and trans., $250.; Fordson tractor motor, rear end, trans., and track Luzerne Co. 717-675-5856

Tobacco bale box; Lard press; Lanc. Co. 717-442-4510

Iron watering troughs, 8'x18", 12'x18", steel pipe 7½'x1' and 4½'x1'. Lanc. Co. 717-898-7386

NI 456 rake, $150.; 2R 3pth cultivator; IHC 8½' harrow, $195. York Co. 717-292-6441 after 5 p.m.

Ski Whiz 400 SST snowmobile, electric start, looks good, runs good; Planet Jr. garden tractor w/snow plow. Lanc. Co. 717-656-6644

Coleman kerosene space heater, good condition, 55,000 BTU., $35. Lanc. Co. 717-626-6944

2 used 1250 bushel round crib, for ear corn/grains, excellent condition; ear corn. Best Offer. Lanc. Co. 717-898-7797

1 acre near Grand Canyon, Arizona, near Williams, $2,500. or neg. 301-395-5767

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ALLIS	281-140S	295 46	295 46
CHALMERS	298-180S	340 80	340 80
BADGER	100	329 86	329 86
BADGER	150	361 00	361 00
BADGER	160	338 52	328 52
BADGER	200	394 85	340 86
BADGER	205	414 84	414 84
BADGER	240	473 43	418 36
BADGER	3210	434 45	375 40
BADGER	3280	497 17	434 80
BADGER	3330	POR	POR
BALZER	240	511 05	451 36
BALZER	410	365 72	323 88
BALZER	440	427 69	378 24
BALZER	515	863 90	436 86
BALZER	700	1089 64	546 36
CASE	100	277 66	277 66
CASE	125	319 60	319 60
CASE	140	293 14	293 14
CASE	180	395 80	395 80
FARMHAND	450	599 88	599 88
GEHL	180	380 07	380 07
GEHL	250	427 54	427 54
GEHL	350	349 51	349 51
GEHL	500	410 87	410 87
H&S	180	365 00	365 00
H&S	220	365 00	365 00
H&S	295	492 28	492 28
H&S	350	537 18	537 18
INT HARV	101 102,103	253 50	253 50
INT HARV	125 130	322 37	322 37
INT HARV	150 155,160	376 86	376 86
INT HARV	275	407 56	360 58
INT HARV	320	409 09	409 09
INT HARV	530	386 66	342 25
INT HARV	540	428 52	378 97
INT HARV	560,555	510 53	450 91
INT HARV	560	599 80	529 97
INT HARV	570 575	325 72	325 72
INT HARV	580	372 55	372 55
INT HARV	595	469 57	414 97
JOHN DEERE	33	318 75	318 75
JOHN DEERE	34	363 86	322 25
JOHN DEERE	40	376 12	333 00
JOHN DEERE	44	424 11	375 10
JOHN DEERE	660	331 12	424 76
JOHN DEERE	680	496 85	438 91
KASTEN	135	334 21	334 21
KASTEN	175	362 81	362 81
KASTEN	250	451 55	451 55
KASTEN	270	422 65	422 65
KASTEN	325	513 07	513 07
KASTEN	400	513 07	513 07
KNIGHT	180	379 56	379 56
KNIGHT	195	390 63	390 63
KNIGHT	235	417 64	417 64
KNIGHT	250 252	429 22	429 22
KNIGHT	300	464 41	464 41
KNIGHT	350	351 19	351 19
KNIGHT	410	398 27	398 27
KNIGHT	500 510	385 77	385 77
KNIGHT	650	483 21	483 21
MAS FERG	110 130	286 36	286 36
MAS FERG	180	328 53	328 52
MAS FERG	205	412 84	412 84
MAS FERG	721	352 80	352 80
MAS FERG	724	408 66	408 66
MEYERS	727	439 32	439 32
MEYERS	M125-A	488 95	392 00
MEYERS	M145-A	566 40	336 25
MEYERS	M160-A	575 61	343 75
MEYERS	M225-A,M300-A	715 64	427 35
MEYERS	M350-A	807 94	482 50
NEW HOLLAND	200 202 220	287 50	287 50
NEW HOLLAND	221,222	287 50	287 50
NEW HOLLAND	213	282 66	282 66
NEW HOLLAND	300 336	322 07	322 07
NEW HOLLAND	470 475	408 02	408 02
NEW HOLLAND	510 511 512	382 34	336 46
NEW HOLLAND	513 514	382 34	336 46
NEW HOLLAND	516 517 518	446 70	394 92
NEW HOLLAND	519 520	456 59	403 59
NEW HOLLAND	675 676,677	576 48	508 76
NEW HOLLAND	679,680	585 44	516 62
NEW HOLLAND	790,791	885 50	644 42
NEW HOLLAND	795	487 90	431 06
NEW HOLLAND	800	485 25	428 73
DOUBLE SLATTED	510,511 512	522 40	461 52
DOUBLE SLATTED	513,514	454 23	401 52
DOUBLE SLATTED	516,517 518	628 10	554 92
DOUBLE SLATTED	519 520	598 45	528 03
DOUBLE SLATTED	675 676,677	815 88	718 76
DOUBLE SLATTED	679,680	779 06	686 46
NEW IDEA	201 203,206	317 27	317 27
NEW IDEA	205 207 210	399 55	399 54
NEW IDEA	211	286 63	260 56
NEW IDEA	212	343 36	299 55
NEW IDEA	213,217	409 75	360 66
NEW IDEA	214	465 23	408 10
NEW IDEA	218,244	551 63	483 89
NEW IDEA	224 245	626 00	549 13
NEW IDEA	243	457 69	401 49
NEW IDEA	351	POR	POR
NEW IDEA	352	POR	POR
NEW IDEA	353	POR	POR
NEW IDEA	354	POR	POR
NEW IDEA	355	POR	POR
PATZ	181	—	483 77
PATZ	350	—	500 71

FORAGE BOX CONVEYOR CHAINS

MAKE	MODEL	APRON PRICE PINTLE CHAIN	APRON PRICE T-BAR CHAIN	PRICE PINTLE CROSS-CONVEY CHAIN
BADGER	840	POR	POR	POR
BADGER	BN960,14'	333 12	316 14	196 12
BADGER	BN960,16'	372 72	360 98	196 12
BADGER	1080	POR	POR	POR
BALZER	6614	POR	POR	POR
BALZER	6514	POR	POR	POR
BALZER	6516	POR	POR	POR
BALZER	6618	POR	POR	POR
DANCO	14	POR	POR	POR
DANCO	16'	372.86	307 38	POR
DION	Forage Box	POR	POR	—
GEHL	80,81,82	290 66	313 68	193 40
GEHL	83,84,86	299 66	313 68	193 40
GEHL	610,640,14	338 80	386 68	—
GEHL	610,640,16'	389 70	423 52	—
GEHL	630,630,14'	348 80	376 88	—
GEHL	630,630,16	399 70	433 52	—
GEHL	700,710,810	306 58	323 04	185 73
GEHL	910,920,14'	308 63	323 04	185 73
GEHL	910,920,16'	334 48	353 92	185 73
GEHL	940,980 14	308 63	323 04	185 73
GEHL	940,980,16'	334 48	353 92	185 73
H&S	Loadmaster XL14'	POR	POR	—
H&S	Loadmaster XL16'	POR	POR	—
H&S	Loadmaster XL18'	POR	POR	—
H&S	H&S "500"14'	POR	POR	198 20
H&S	H&S "500"16'	POR	POR	198 20
INT HARV	81,14'	373 60	421 14	POR
INT HARV	81,16'	422 98	476 62	POR
INT HARV	61	POR	POR	—
INT HARV	106,110,14'	302.91	343.36	—
INT HARV	106,110,16'	341 67	386 72	—
INT HARV	130,14'	311 71	349 14	—
INT HARV	130,16'	351 71	393 18	—
INT HARV	130,18'	330 14	888 48	—
INT HARV	130,18'	397 56	448 80	—
JOHN DEERE	110	POR	POR	POR
JOHN DEERE	112	286 90	314 82	POR
JOHN DEERE	115	365 42	388 50	POR
JOHN DEERE	122	286 90	314 82	POR
JOHN DEERE	125	365 42	388 50	POR
JOHN DEERE	214,14	311 64	331 74	189 30
JOHN DEERE	216,16	394 56	417 00	189 20
JOHN DEERE	714,14	337 34	362 94	197 50
JOHN DEERE	716,16	390 30	418 56	197 50
KASTEN	Kwik Load 20 14	323 86	320 58	—
KASTEN	Kwik Load 20 16	376 38	401 76	—
KASTEN	21,14'	307 83	330 48	—
KASTEN	21,16'	349 30	376 20	—
KASTEN	Power Box 14	323 86	320 56	—
KASTEN	Power Box 16'	376 38	368 16	—
KNIGHT	14-7	286 90	309 90	196 75
KNIGHT	17-7	357 72	383 58	196 75
KNIGHT	20-7	414 82	447 18	196 75
KNIGHT	Barge Box 15'	357 72	383 58	—
KNIGHT	Barge Box 18'	414 82	447 18	—
LAMCO	Rex 14	311 71	349 14	POR
LAMCO	Rex 16	351 71	393 18	POR
MEYERS	410 14'	POR	POR	POR
MEYERS	410,14	POR	POR	POR
MEYERS	510,14	POR	POR	POR
MEYERS	510,16'	POR	POR	POR
MEYERS	600,16'	POR	POR	POR
MEYERS	600,18'	POR	POR	POR
NEW HOLLAND	3	473 94	446 04	POR
NEW HOLLAND	6	544 90	514 08	POR
NEW HOLLAND	8	368 68	389 82	POR
PAPEC	140	323 86	322 26	—
PAPEC	160	376 38	391 50	—

STEEL DETACHABLE ATTACHMENT LINKS

55A1	36
55C1	43
55HB4	70
55SH	53
62A1	54
62C1	57
62HB4	1 04
62SH	68
67AS	88
67H-AS	96
67XH-AS	1 08
67H SH	2.10

FEED WAGONS, MIXER WAGONS, SILAGE MIXERS

MAKE	MODEL	MAIN APRON CHAIN PRICE	UNLOADING OR ELEVATOR CHAIN PRICE
ARTS WAY	155	488 75	—
ARTS WAY	700	POR	—
ARTS WAY	750	POR	—
ARTS WAY	800	1449 50	—
ARTS WAY	850	1689 50	—
INT HARV	200	1449 50	—
INT HARV	300	1449 50	—
KNIGHT	BA12	—	—
KNIGHT	BA14	—	—
KNIGHT	BA16	—	—
KNIGHT	LA9C	—	—
SCHULER	125BU	POR	POR
SCHULER	175BU	POR	POR
SCHULER	260BU	POR	POR
SCHULER	400BU	POR	POR
SCHWARTZ	680	—	189 75
SCHWARTZ	760	—	POR
SCHWARTZ	780	—	POR
SCHWARTZ	880	—	268 50
SCHWARTZ	880	—	268 50
SCHWARTZ	980	—	268 50

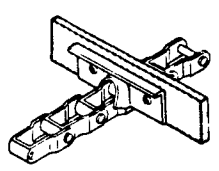
ROLLER CHAIN

Chain No.	Chain Pitch	Centered	Riveted
35	3/8	—	.62
40	1/2"	—	.88
50	5/8"	—	1 18
60	3/4	1.86	1 42
80	1	3 13	2 60
100	1¼"	5.00	5.71
120	1½'	8 54	8 19

Other sizes available 25 to 300 from single strand to six strand

T-BAR CHAIN

T67 Plain Link	79 link
T-67 Attachment Link	1 56 link



667H SINGLE CONVEYOR CHAIN WITH RUBBER PADDLE

$5.98/Ft. Delivered

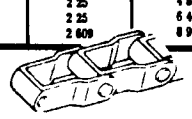
(For BUTLER, JAMESWAY, CLAY, etc.)

CORN HEAD GATHERING CHAINS

MAKE	PART NO.	MODEL NO'S	PRICE
ALLIS CHALMERS	536100	2A,3E,2N,3A,3H, 4C,A420,E420, C820,C830,H330, E330,C430,C830, C435,H340,E240 C440	23 12
	561228	FL430-GL440	26 40
	573840	1973-76 Low Profile	32 28
	574793	All models 1977-79 Heads	25 84
JOHN DEERE	AN102000	343,344,343 344,443,444, 843,546,842, 643,644,845 842,843	31 00
	AN102000	343,344,343, 344,443,444, 843,546,842, 643,644,845 842,843	31 00
INT HARV	176-279 C91	All 800 Series Heads 823,824 833,834,843, 844 853 854,863 864 873,874,883	31 00
MASSEY FERG	241-080-M1	22,321,322,33 421 422 43,63 621	29 84
OLIVER & MINN MOLINE	511142E	522,525,531,535, 541 544 545,555, 561 H942,H944 H953 H954	44 64
AVCO-NEW IDEA	713167R	723,724 725,726	44 20
	7131681	723 724 725 726	44 20
WHITE FARM EQ	31 1689933	702 703 704 705 706	29 86

PINTLE CHAIN

CHAIN NO	PITCH	PRICE PER FT
662	1 664	3 44
667H	2 313	3 34
667J	2 25	4 84
667X	2 25	4 84
667K	2 25	6 46
88K	2 609	8 90

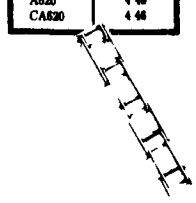


STEEL DETACHABLE CHAIN

CHAIN NO	PRICE FT.
25	97
32	1 00
42	1 16
45	1 09
52	1 38
55	1 16
62	1 63
62H	1 99
67H	2 30
67XH	2 81

AGRICULTURAL ROLLER CHAIN

CHAIN NO.	PRICE/FT.
A2040	96
C2040	1 12
A2050	1 18
C2050	130
A2060	1 84
C2060H	2 83
A550	3 78
CA550	3 78
CA555	3 78
A620	4 46
CA620	4 46



NEW HOLLAND BALER UPPER CHAIN

MODEL	N.H. PART NO.	PRICE
845	704545	375 60
846 & 847	634335	398 68
849	273260	509 94
850	679303	467 77
851 & 852	679768	570 60
855	786717	936 00

NEW HOLLAND BALER FLOOR CHAINS

HH NO	CHAIN/ATT	PRICE
268/66	CA550/C5E	5" 85
7146¹⁰	CA550/C5E	53 96
710395	CA550/C5EB	80 43
710096	CA550/C5EB	66 85

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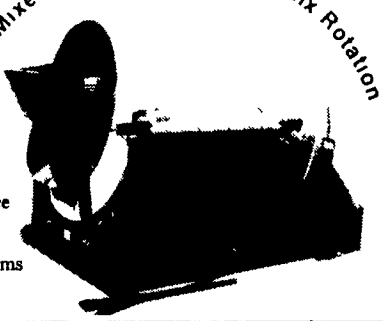

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Mullica Hill, NJ, 5-1/4 plus acres, custom 4 bedroom home, greenhouse, varience, barn, large basement, 2 car garage, $117,000. 609-478-4040

Hayes 1200 baud modem auto dial/answer; Smartcom II software; RS232 cable, new, $325 Chester Co 215-942-3123

BY OWNER: 30 acre farm, 9 room house, bank barn, nice. $238,000. Grantville, PA. 717-469-7292 or 469-2864.

Two pair 18" steel hames w/brass knobs, $50; RFD 2, Box 646, Ridgeley, W. Va. 26753. Mineral Co 304-726-4708.

Cattle truck body, 21' long, low price. Lanc. Co 717-665-3905

Snowmobile trailer, 1979 MGS, 7x16, 4 place w/elect. brakes, ramp & tie downs, excellent condition, $1,325. O.B.O. Lanc. Co. 717-733-7124

MF #124 baler, good working condition, $1,200.; Pollard 5 wheel rake w/lots of extra teeth, $375. Somerset Co. 814-634-5541

Old Majestic coal and wood kitchen stove; 12 ton round feed bin, good condition, $550. 215-562-3929

Jack Donkey, rides, drives, pony mare, aged, broke Western; 300 gal. Mojonnier tank; 2 row Int. corn picker; 4 Guinea pigs. Berks 215-488-6665

45' self leveling Hardi sprayer booms to be sold at New Holland Eq Sale Jan. 2nd

NI 17 manure spreader, just like new, $1,395.; NI 214 spreader, hyd. end gate, Gratz web, $1,275.; Jubilee tractor, clean, $2,400. 717-354-0266

NH 78 baler, good condition, no use for it., $750. Abram Goldberg, RD3, Elmer, NJ. 08318. Salem Co., NJ.

Large chickens price each; IH harvester; Oliver picker, pull type, needs small repairs, $100. each. Perry Co. 717-734-3397

16 hole Smidley hog feeder, 56" high, used very little, $450.; 1 hole Mountville corn sheller, $100. 717-626-6059

(2) 28 hole Martin Smidley hog feeders; 1,000 gal stainless steel storage tank. Lanc. Co 717-665-3905

Kubota tractor B7100 w/loader, 4WD, hydrastatic, Honda 70, 3 wheeler. 215-267-6528.

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Old mason jars, crocks, kitchenware, farm tools, fire extinguishers, lightening rods, lanterns, etc. Henry Cross, Highway 79, Morganville, NJ. 07751

XL 123 Homelite chain saw, any condition; Old stock McCormick tractor and engine parts; Book McCormick Deering signs & posters. Ben Kinsinger, RD1, Box 234A, Meyersdale, Pa 15552.

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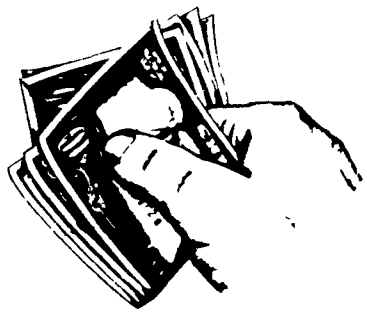

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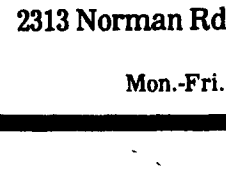

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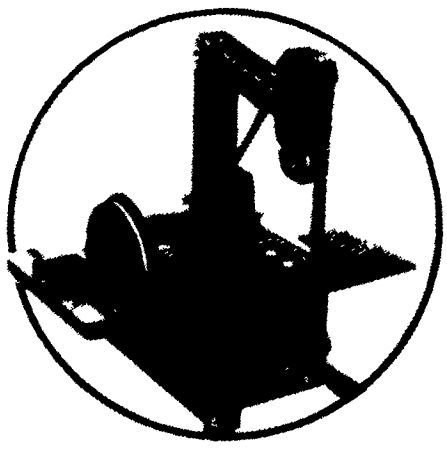

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Chevrolet Wgn., 1982, PS, PB, AC, AT, high highway miles, good condition, $3,495. Lanc. Co., Richard Mummau. 717-653-2795

FARM TRACTOR: IH 600 or 650, also any other kinds, any condition. Collector. Melvin Cranston, 3624 E. Main Rd., Fredonia, NY 14063. 716-679-0621.

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Haying tool's wanted for collection. Forks (harpoons, spears, grapples), carriers, pulleys, knives, mfgr's catalogs, advertisements. Robert Rauhauser, Box 766, RD2, Thomasville, Pa. 17364.

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Hay drying fan; large building for hay storage. Union Co. 717-524-2130.

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White Rats for breeding stock. Allen Miller, RD2, Box 440, Smyrna, DE. 19977.

Part time hired person for 1987 season. Reply to: Benj. L. Fisher, 138A Colonial Rd., Gordonville, Pa. 17529.

Heavy duty wide front end, for a 504 Int. Farmall tractor. Montgomery Co 215-646-1064

Church pews, 14', used or new, reasonable. Also church lights, will travel. Westmorland Co. 412-258-2831, 696-4225 eves.

Married person for dairy farm work. Part or full time. Immediate occupancy in mobile home avail. 717-442-4437

Backhoe, any type or condition, for parts. Write PO Box 331, Hanover, PA 17331.

Couple lightning rods and cable from old barn. Will climb. Casy J. Riss, 1209 Eagle, Newtown, PA 18940. Bucks Co.

Auto reset plow, 3 or more bottoms, hyd. w/accumulator prefered. Will consider spring. Also repairs, OK. Lanc. Co. 215-445-5834.

15.5x38 tire, must be in good cond. 50% tread or better. Bucks Co. 215-679-6332 after 4 PM.

Tobacco lath. Lebanon Co. 717-272-4786

Need flywheel, crankshaft and crankshaft bearing, housing for JD A older model. Chester Co. 215-593-5600

Person looking for work. Dec., Jan., possible Feb. Southeast of Reamstown, Lanc. 16 years or older. 215-267-2754

Power take off spreader, 200 BTU. Ches. Co. 215-644-3918 after 8 PM.

Belt pulley assembly for Ford 4000 tractor; portable loading chute for cattle/sheep. Lebanon Co 717-949-3443.

Dealers wanted for firewood. Cut, dry, split. Pick up or we'll dliver 250 mile radius. Franklin Co. 717-532-5331.

Set of flat top fenders off JD, Oliver or IH farm tractor. Somerset, NJ. 201-297-8613 eves.

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NH Model 479 haybine, very good condition. Monroe Co. 717-629-0749.

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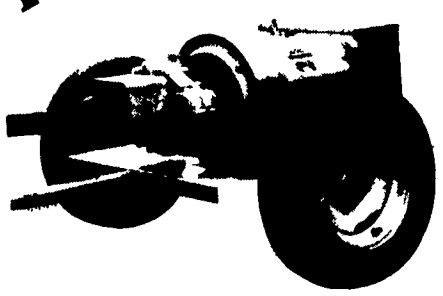

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Only ads submitted on this official form will be published in our mailbox markets.

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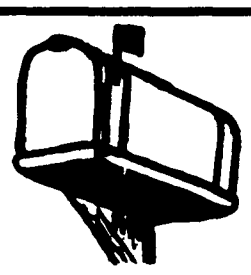

FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market. Subscribers using the Mail Box Market MUST use this form with mailing label attached and will be governed by the following rules:

Limit your advertisement to 20 words; area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Monday or same will be held over for next week's paper, no business ads accepted.

Include your Lancaster Farming mailing label and mail to

Mail Box Market
Lancaster Farming
P.O Box 366
Lititz, PA 17543
No Phone Calls Please

Lancaster Farming

PHOTO ORDER FORM

As a service to our readers, Lancaster Farming offers you the opportunity to order prints of the photos that appear in the paper. If you would like to order a picture, please complete the form below and mail it, along with a check made payable to Lititz Record Express, Inc., to Photo Order, Lancaster Farming, P.O. Box 366, Lititz, PA 17543.

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☐ 4x5- $3.18 Tax Inc.

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Sale Reports

A Public Auction of office furniture and equipment was held December 13 at 219 Witmer Road, 4 miles east of Lancaster off Route 340.

Some prices received were: oak wooden desk $90, 10¼" table saw $320, filing cabinet $120, tables $7 to $35 each, electric adding machine $27.50, 1979 Dodge Van $2700, flourescent lights $7.50 each and 277 chairs (hardwood) $2 each.

Auctioneers were Claude F. Bechtold and Harold K. Keller.

XXX

A Public Auction of farm machinery was held December 12 by Dale H. Teter, 302 Birmingham Rd., East Bradford Twp., Chester Co., Pa.

Some prices included: Int. 240 tractor $1900, 3 pt. back blade $105, 10 H.P. Wheelhorse tractor $600, disc harrow $75 and corn planter $100.

Whitford Sales Company conducted the sale.

XXX

The Kittle Dispersal was held December 9 by Bob and Ann Lee Kittle, 2 miles from Mansfield, Pa.

Registered and grade Holstein cows sold as follows: $1625, three at $1550, $1500, $1375, $1300 and $1200 each.

Other prices were: 1973 F354 truck $1900, N.H. 1325 skid steer $3450, Oliver 770 tractor $1000 and 1970 IH truck $2700.

Arlow Kiehl, Auct., Gordon Wood, Sale Manager.

XXX

A Public Sale of farm equipment was held December 13 by Auften Seward, 396 Trail Rd., Elizabethtown, Pa. A good-sized crowd attended the sale.

Some prices were: J.D. 70 tractor $1350, J.D. 60 tractor $1000, 1929 Model A Ford $3175, 1937 La Salle $1325, 24' elevator $150, spring wagon $420 and oak wood wardrobe $300.

The auctioneers were Raymond Miller, Rufus Geib and Jim Hershey.

XXX

A Public Auction of farm machinery and angus cattle was held December 13 by Dr. Hugo Rodriquez, 5 miles south of Phoenixville on Western Rd., Chester Co., Pa.

Some prices were: Int. 686 D tractor $7450, Int. 534 tractor w/loader $6550, Brillion cultimulcher $1500, post hole digger $530, Int. disc $725, Oliver 1 row corn picker $800, Int. 435 baler $2000, Grimm hay tedder $600, hay wagon $1100, N.H. bale elevator $1500, J.D. 7' haybine $1200, J.D. chopper $2000, Int. blower $800, 1979 Dodge power wagon pickup truck $3850, livestock gooseneck trailer $1800, concrete 14x65 silo $1675, ensilage in same $550, silo unloader $1000, 3 conveyors $250 to $725 and 30 head Angus cows $200 to $550 each.

Whitford Sales Company conducted the sale.

XXX

The Millerdale Farm complete dispersal was held December 10 by Alvin B. and Donald Miller at Ulysses, Pa. in Potter County.

177 head of registered Holstein dairy cattle were sold and the top price paid for a cow was $2350. The second high cow sold for $2000. It was a good sale.

Rockwell Auction, Inc. were the sale managers.

ANNUAL HARPER IMPLEMENT CO., INC.

SWAYZEE, INDIANA

AUCTION

12 MILES TO MARION
16 MILES TO KOKOMO

WEDNESDAY MORNING, DECEMBER 31 at 10:00 A.M.

Auction to be held 2 blocks south of the traffic signal light and then 2 blocks west of State Road 13 in Swayzee, Indiana. (2 miles north of U.S. 35 & SR 13 intersection.)

NOTE FROM REX: I believe that this is the best offering of equipment from top to bottom that we have ever assembled for any sale We have some of the nicest tillage and planting equipment that you will find anywhere Even though some of our tractors have high hours, many have had engine and/or transmission work done recently, giving them many more years of service I hope you can make plans to attend this sale We plan on being done by 2 00 P M , so that we can all be home for New Year's Eve

AUCTIONEER'S NOTE: WE STRONGLY URGE YOU TO ATTEND THIS AUCTION, if you are looking to buy SHARP equipment at YOUR PRICE HARPERS have built an excellent reputation for SELLING EVERY ITEM they put on the auction block, and we feel certain they will continue to live up to their PROUD REPUTATION BE THERE SALE DAY, you will not be disappointed.

****NOTE SPECIAL SALE ORDER****

TRACTORS AND COMBINES WILL SELL VERY EARLY IN THE AUCTION (10 15)

13 TRACTORS

1984 JD 4650 MF WD tractor power shift 18 4x42 radial tires 3 remotes quick hitch 16 9x28 front tires weights 580 hours • 1979 JD 4840 tractor w/20 8x38 tires 3 remotes front & rear weights quick coupler 16 5x16 1 front tires 2170 hours • 1979 JD 8640 tractor w 23 1x30 tires/duals 3 remotes 3 pt hitch PTO differential lock rear fenders 2700 hours • 1979 JD 4440 tractor w/20 8x38 tires dual remote weights cab heat air quad range 2915 hours • 1979 JD 2640 utility tractor 16 9x30 tires hi lo dual remote large hyd pump 2695 hours • 1973 JD 4630 tractor w/20 8x38 tires 3 remotes power shift trans 6465 hours complete overhaul on engine and trans within last year • 1973 JD 4630 tractor w 18 4x34 tires Syncro range trans dual remote weights 4395 hours • 1973 JD 4630 tractor w/18 4x38 tires Syncro range trans dual remote weights 5315 hours • 1975 IH 1466 tractor w/18 4x38 tires dual remote dual shafts red cab with air conditioning one owner extremely sharp 2041 hours • 1967 JD 4020 tractor w/18 4x34 tires power shift trans dual remote 4740 hours • 1979 MF 2775 tractor w 18 4x38 tires dual remote 1000 RPM 24 speed trans weights 1900 hours • AC D 17 tractor with loader & 1677 hours • Farmall M tractor

ANTIQUE TRACTOR

1937 JD A unstyled completely restored spoke wheels rubber tires looks new

7 PLANTERS & 5 DRILLS

8x30 JD 7000 planter w/liquid fertilizer heavy duty no-till coulters insecticide 200 monitor sold new in 1985 planted approx 2000 acres • 6x30 JD 7000 planter w/liquid fertilizer disk openers insecticide Schultz danish tine harrow 100 monitor has planted a maximum of 1300 acres Also selling after planter 3 JD split row units with Wetherell mountings units mounted on planter with drives installed but will sell separately • 12x30 JD 7000 front fold planter liquid fertilizer insecticide folding markers JD black box population monitor • 12x30 JD 7000 planter liquid fertilizer insecticide Hiniker pop monitor planted approx 3000 acres • 12x30 JD 7000 planter no fertilizer insecticide JD black box pop monitor Wetherell hyd transport • 6x30 JD 7000 planter liquid fertilizer insecticide monitor fluted coulters • IH 4 row wide planter dry fertilizer insecticide herbicide • (2) JD 8300 bean drills 16x10 openers with Tru Vee attachments 4 press wheels sold with JD squadron hitch • JD 8300 bean drill 16x10 openers Tru Vee attachment markers no closing wheels • JD 8300 bean drill 16x10 openers with Tru Vee attachment 4 press wheels • JD 8300 wheat drill fluted feed double disk with grass seed attachment grass seed needs repair • 10 JD Van Brunt drill

FIELD CULTIVATORS & TILLAGE EQUIPMENT

23 JD 940 danish field cultivator with rolling baskets walking tandem hyd wing gauge wheels sold new in 1986 used on 300 acres • 22 Wil Rich field cultivator all hydraulic w/walking tandem and hyd wing wheels tiller rod attachment single bar harrow • 20 JD 1000 field cultivator w/JD harrow attachment • 36 Hiniker 1540 field cultivator walking tandem wheels on main frame and on wings Hiniker harrow attachment • 25 JD 1010 field cultivator w/walking tandems on main frame hyd wheels on wings harrogator 3 bar mounted harrow attachment • 14 IH pull type field cultivator w/single bar harrow • 19 JD 1100 field cultivator w/single bar harrow • 30 Wil Rich field cultivator w/walking tandems on main frame and on wings harrow attachment • 20 JD 1000 field cultivator w/Kasco single bar harrow • 23 JD 1010 field cultivator w/walking tandem wheels on main frame & manual adjust wheels on wings Kasco single bar harrow attachment • 30 IH 4500 field cultivator • 14 Kewanee disk w/dual wheels • 16 JD BW disk w/dual wheels • 16 IH disk w/manual fold wings • 25 Harrogator pull type 5 bar harrow w hyd folding wings & hyd lift used very little • 20 Brillion harrow • JD 4 row rotary hoe • 30 JD 430 rotary hoe on transport • (4) JD 415 rotary hoes • JD 250 spray cart no pump no controls • 8x30 Imperial danish ro-crop folding cultivators with rolling fenders • 30 JD implement trailer • 30 JD implement trailer w/double steel support • Wil Rich 6 row skip row ro crop cultivator used on 400 acres • 16 Brillion cultipacker • John Blue truck type sprayer stainless steel tank 32 booms • 12 Kewanee mulcher • 25 JD 331 disk self adjusting scrapers black gang • 18 Kewanee 1010 flat fold disk

PLOWS & FALL TILLAGE EQUIPMENT

JD 2800 8 bottom spring reset plow on land hitch cushion coulters • JD 2800 7 bottom spring reset in furrow plow w cushion coulters • JD 2800 8 bottom spring reset plow on land hitch cushion coulters • JD 1350 1450 6 bottom 16 plow • JD 2600 6 bottom safety trip in furrow plow w/cushion coulters • IH 720 5 bottom 16 in furrow plow • JD 810 4 bottom 14 mounted plow • Wil Rich 7x18 spring reset pull type plow • 6 bottom IH 710 plow • Brillion 9 shank V ripper • Bush Hog 7 shank V ripper sharp • Brillion 8 row 30 folding ro-crop cultivators spring shank rolling fenders • Glencoe 6 row 30 ro-crop cultivators spring shank rolling fenders • 5 bottom JD 2600 safety trip plow in furrow cushion coulters • 5 bottom 18 JD 1350 1450 plow • 6x30 Noble danish ro-crop cultivator

HARVESTING EQUIPMENT

1980 JD 7720 combine w 30 5x32 drive tires 14 9x24 steering tires 14 perf unloading auger chopper monitors AHHC cab heater air 1419 hours • JD 218 flex platform • JD 643 lo-tin corn head • 1982 JD 853A ro crop head EXTREMELY SHARP used on very few acres • 1975 Gleaner F gas combine 18 4x26 tires w/13 head • Gleaner C 2 23 1x26 tires w/13 head • (2) AC 4 row wide corn heads for above combines • JD 105 diesel combine w very nice 635 corn head • New Idea 2 row 30 corn picker w/8 roll husking bed • JD 45 combine w 10 head

TRUCKS

1974 Ford LN700 with Knapheide 425 bu bed twin ram hoist dog leg 361 engine 5 speed 2 speed 20 000 mi on major overhaul 90 000 total mi • 1968 IHC truck w/500 bu bed twin ram hoist air brakes 75 000 mi • 1976 Mack Model R 686 300 engine 5 speed trans Mack rears new paint service records are available • 1978 Mack Model F cab over sleeper 237 engine 5 speed trans Mack rears 70 000 mi since overhaul new paint service records are available • 44 Transcraft single drop trailer

LAWN TRACTORS & SNOWMOBILES

JD 110 lawn tractor • 1978 JD Spitfire snowmobile • 1978 JD Spitfire snowmobile w gauges • 1980 JD Liquifire snowmobile • 1977 Kawasaki Sno-Jet snowmobile • Sears 10 HP 32 snowblower w lights and chains • Toro 20 snowblower • JD 111 lawn tractor sold new in 1985 • JD 400 lawn tractor w 60 mower backhoe loader may sell separate• Easy Vac trailer w motor • Bolens 8 HP tractor w 36 cut • Wheel Horse 8 HP w 36 cut

MISCELLANEOUS

Assorted sets of duals for above tractors • Schultz manure spreader double beater tandem axle • JD 33 spreader single beater • JD 963 wagon w wooden bed & hoist • 10 Killbros auger w hyd motor mounts to gravity wagon • 14 JD 737 gyromower • 7 Ford rotary cutter • 14 Brady flail chopper • 10 Woods C114 rotary mower w/front and rear chains • LMC 8 snowblower • JD 146 loader w 60 bucket and independent valve • JD 148 loader w/new 72 bucket tractor remote hydraulics • JD 158 loader w/84 bucket and independent valve • (3) used 250 bu gravity wagons 1 on JD gear • JD roll gard cab off a 4320 • a very few assorted parts & accessories • rear tractor weights for 30 & 40 series • JD 1065 gear on 11Lx15 rubber • JD 34 spreader double beater • IH 1150 grinder auger feeder mech unloading auger swing and raise scales • motor driven grain distributor • New Idea 216 PTO driven spreader • (2) steel flat bed wagons w sides

NEW EQUIPMENT

15 JD 415 rotary hoe • JD 550 trailer sprayer w 45 top air self leveling booms and PTO pump • 27 Brillion X fold cultipacker all hydraulic dual wheels • 12x30 Brillion danish flat fold ro-crop cultivators with gauge wheels & stabilizer coulters 12 new Tebben rolling feeders will sell after cultivator • Killbros 475 grain cart center dump auger 23 1x26 tires demo used on 250 acres • JD 506 rotary cutter • 15 Dunham cultimulcher

We will continue to trade for machinery until close of business on Dec 24 1986 In the past we have offered many items for sale as a result of trades that were not listed in our advertising If you are interested in a specific piece or are looking for something not listed please call after Dec 25 and we will tell you if it is available

TERMS Cash or check with required identification John Deere financing will be offered to qualified buyers on qualified pieces of equipment with the different waiver programs explained sale day You must make arrangements prior to sale day if you wish to use John Deere financing Call Rex Riggs at Harper Implement Co Inc for details Any announcements made sale day will take precedence over printed matter

Not responsible for accidents

OWNER: **HARPER IMPLEMENT CO., INC.**

(317)922-7904

AUCTION CONDUCTED BY: Rex D. and Denzil Schrader
SCHRADER REAL ESTATE & AUCTION COMPANY, INC.
209 W. Van Buren, Columbia City, IN 46725
Phone: (219)244-7606 or Ft. Wayne 625-3373

SELL IT WITH A LANCASTER FARMING CLASSIFIED

AT LAST!!
A Truly Dependable
WORK WATCH!
Rugged metal case, tough lucite crystal, full numeral dial with sweep second hand and calendar

WATER RESISTANT!
SHOCK RESISTANT!
And, best of all
IT'S LORUS QUARTZ!

Send Name, Address And Check To Address Below

Add 75¢ postage and handling PA residents add 6% sales tax

HEISEY JEWELERS
5 N Main St
Manheim, Pa 17545

PUBLIC SALE

47 Acre Dairy Farm
Hi Grade Holstein Herd
Farm Machinery - Milking Equip.
Feed - Sputnick

THURS., JANUARY 15, 1987
9:00 A.M.

Located in Dauphin County, PA, 8 miles East of Millersburg, 2 miles Northwest of Berrysburg, From Route 25 go North on Route 225 to Shippen Dam Road, left to Miller Road right.

Real Estate

Consists of 47 acres; Bank barn attached with dairy barn, new 1980 - 29 Comfort stalls; manure pit; heifer barn attached to main barn; 14x60 silo; 600 gallon milk tank, sells with real estate; 4 bedroom, 2½ story house, full bath upstairs.

10% down sale day.
Final settlement 60 days.

To see stop at farm Monday thru Saturday between chore time.

62 Head Holstein Herd 62 Head
1:00 P.M.

DHIA rolling herd average 15,500 - 3.76 fat; young herd - heifers all vaccinated; 44 milk cows - 18 heifers breeding age to calves; animals sired by and bred to AI bulls, Spirit, Lone Ranger, Wiseman and other Sire Power bulls; 7 head fresh December; 9 due January, February; 5 due March.

No. 12 cow, 4 year old 23,981 M, 787 fat, over 18,000 as a 2-3 year old, fresh sale time; 2 daughters sell, No. 3 sired by Wiseman, due March 1 to 9H1065 with 2nd calf, 309 days 19,449 M 1st lactation; No. 35 also daughter of No. 12, fresh November 9, 1st calf; no projection at ad time.

No. 2 Cow	3 year old	20,809 M	Due Jan.
No. 24 Cow	4 year old	18,381 M	Due May
No. 34 Cow	4 year old	18,600 M	Due Feb.

Other animals with good records and potential high records, 30 day charts, pregnancy checked.

Milking Equipment

3 Delaval 55 lb. milker units, sterling pulsators; extra bucket; Bender washer; gas water heater; **Sputnick** milk mover; 65 cow Herdex breeding chart; Deutz 2 cylinder diesel; 75 C.F.M. Almo vacuum pump; 5 HP Quincy air compressor, new 2 years; 3 HP Lehigh cooler compressor; 2 fuel tanks 285 - 300 gallon; 100 gallon propane gas tank; 4 can milk cooler.

Horses, Harness, Etc.

Pair 5 year old sorrel Belguims; pair chestnut sorrels; 4 year old sorrel; 8 set of Harness; collars; bridles; lines, single-double trees.

Farm Equipment

2 bottom Oliver trailer plow; John Deere 2-way plow; John Deere 9' spring tooth harrow; John Deere K.B.A. disc harrow; single cultipacker; New Holland 456 mower; New Holland 404 crimper combination; New Holland 256 rake; Allis Chalmers 303 baler with Wisconsin engine; Hub tool; 36' elevator, new 6 years; 16" Papec ensilage cutter with shredder bars; boom field sprayer poly tank; Pequea manure spreader, new web; New Idea manure spreader with front wheels, good condition; 26' Zook elevator; No. 5 Oliver corn picker; Oliver grain drill; 4 cylinder Wisconsin engine clutch reduction; 2 flatbed wagons, 1 with farm belt gear; Case stalk shredder; 12" Papec ensilage cutter; 2 John Deere 2-horse cultivators; 12 volt clippers; round wire corn crib, like new; 2700 tobacco lath; tobacco shears; spears; 8 HP engine; wagon load small items.

930 Comfort King Case diesel tractor, hydraulics, P.T.O., on steel.

Feed

Approximately 5 ton alfalfa hay; approximately 300 ton corn silage.

Wood & Metal Working Tools

Table saw; jointer; shaper with bits; 3 air motors, 4-6-8 AM; power knife sharpener; Homelite XL12 chain saw; ST100 Homelite trimmer; 300 portable Hobart welder; cutting torch; 2 metal bolt bins, partly stocked.

Owners:
DAVID B. & BARBARA K. STOLTZFUS

Auctioneer:
Steve
Steve Jr **Petersheim:**
717-786-4624
Lic. #AU-001349-L

Food On Premises

Sale Reports

PUBLIC AUCTION

FARM EQUIPMENT, TRUCKS; BUGGY; CART; HAY & STRAW, HOUSEHOLD GOODS

TUESDAY, DEC. 30, 1986

at 11 A.M.

Between (Allentown & Hamburg), one mile West of the Village of Krumsville along old Rt. 22, Greenwich Twp., Berks Co., Pa.

White ISEKI diesel tractor, 400 hrs, also White 1010 frt end loader for same; Woods M-5, 3 pt rotary cutter; small two wheel rubber tire manure spreader; 2 bale thrower wagons; 3 Pride of the Farm 80 bu steer feeders; 2 Pride of the Farm hog self feeders; 5' & 8' ci cattle water troughs; 4 galvanized cattle water troughs; 5 ci hog troughs; 125 bales mixed hay; 7 ton oats straw; 50 bales wheat straw; White #518 hy p washer; 1 hp motor air compressor; White Yard Boss 11 hp riding mower w/44" deck only 6 mo. old; 4 rotary p mowers; Gilson rototiller; JD pull type lawn sprayer w/gas engine; Stihl chain saw; one horse top buggy built by (Boyertown Carriage Works); one horse meadow cart w/fenders; (2) one horse sleighs; 1½ cords ready cut fire wood.

TRUCKS: 1982 Chev. ½ ton pickup w/6.2 diesel engine, 65,000 miles; 1978 GMC one ton dual wheel truck, rebuilt engine 35,000 miles back, has 9' stake body; 6'x8' alum truck cab; 6'x8' metal cattle racks; 1962 Int B-180, 14' grain dump truck w/new 306 engine, 10:00x20 tires, 28,000 lb GVW.

HOUSEHOLD: 3 pc pine wood & game upholstery & matching end & coffee table set; vinyl recliner; oak wash stand w/towel bar; cut down hall rack; porch bench; old sq trunk; ci dinner bell w/post & brackets; counter top style refrig freezer comb; plus other articles not mentioned.

AUCT. NOTE: Selling because of ill health, most everything is in new condition, not many small items, be on time.

Terms—Cash or Acceptable Check

Ordered by

RAYMOND B. LONG

Conducted by
Ralph W. Zettlemoyer Auction Co., Inc.
(215) 395-8084
Pa. License #AU-001809-L

Refreshments Available

P O Box 215 • Fogelsville PA 18051 • 215 395 8084 • License #AU001809 L

RALPH W ZETTLEMOYER AUCTION CO INC

A Liquidation Auction of trucks and equipment was held December 11 by Alex Delcane and Fred Adams, 6 miles south of Exton at Uwchland, Pa.

Some prices included: J.D. 716A forage wagon $6000, Ford 4500 MD backhoe $5700, 1973 dump truck $1750, 1974 Dodge power wagon $1150, GMC truck $700 and Ford 800 dump truck $7600.

Hess & Moyer were the auctioneers.

XXX

A Public Sale of real estate was held December 10 by Walter and Alice Hoover, along Mill Rd., 1 mile northeast of Goodville, Lanc. Co., Pa.

The 54 acre farm with a 2½ story stone house, 2 bay frame bank barn, corn shed, equipment shed, tile milkhouse and frame garage was sold for $331,000 to Norman Hahn, R.D. 2, East Earl, Pa.

The auctioneers were Nevin Z. Martin and Lewis B. Groff.

XXX

A Public Auction of antiques was held December 13 by Ralph V.H. Wood and Edith T. Wood at the former White Horse Fire Hall along Route 340. There were 250 registered bidders at the sale.

Some prices included: 2 drawer table $140, blanket chest $120, settee $160, 2 walnut drop leaf tables $340 & $250, schoolmaster's desk $300, spinning wheel $140, 6 decorated half spindle back chairs $420, Victorian arm chair $125, New England drysink $295, 2 horse race prints $140, Conestoga wagon jack $90, goose wing axe $190, candle mold $115, Pa. flint lock rifle $200, 2 butterprint molds $120 & $155, flower butterprint $105, miniature wooden chest $130 and 475 feet cast iron fencing with 3 gates $1200.

T. Glenn Horst and Timothy G. Horst were the auctioneers.

XXX

A Public Sale of garage equipment, toys and antiques was held December 13 by Paul A. and Esther I. Herr, 322 Miller Street, Strasburg, Lanc. Co., Pa.

A 1½ story log house with aluminum siding and a 3 car garage at 322 Miller Street in Strasburg was sold for $65,500.

Other prices were: blanket chest $220, washstand $210, ornate child's rocker $290, 9 piece porcelain toilet set $510, miniature wooden wheelbarrow $160, child's drum $87.50, old teddy bear $200, wooden toy blocks $37.50, metal file case $40, voltage regulator $27.50, Farmall tractor, cultivator & plow $250, air compressor $110, vacuum sweeper $150 and Pony 5 h.p. rototiller $325.

The auctioneer was Elvin Siegrist.

A Complete Milking Herd Dispersal was held December 12 by David and Cecelia Houser at the west end of Woodward on Cemetery Road, Centre Co., Pa. There was a good turnout for the sale.

The average of the 60 registered Holsteins sold was $975. The top cow sold for $2025 and two were sold for $1600. Others brought $1525, $1500 two for $1475 and two for $1400 each.

Kling's Auction Service conducted the sale.

XXX

The 16th Farm Machinery Consignment Auction was held December 13 at Jim Trout's farm, 10104 Dublin Rd., Walkersville, Maryland.

Some items sold were: Case 2290 D tractor $11,800, Ford 9700 D tractor $5900, Int. 1206 tractor $5600, Int. 1086 tractor w/cab $6600, Mustang 545 skid loader $6400, N.I. 244 manure spreader $2400, 1985 Cherokee 16' gooseneck trailer $3525, J.D. 216 wagon $1575 and N.H. 256 hayrake $1900.

Trout Auctioneers, Inc. conducted the sale.

XXX

A Public Auction of real estate was held December 12 by Eli Z. and Ada M. Martin near Fivepointville on Woodlyn Drive, Lancaster Co., Pa.

The 4½ acre dairy farm was sold for $202,000 to Rufus Martin, R.D. 1, Denver, Pa. It included a log and frame 2½ story house, frame and block bank barn, stave silo, block milk house, frame tobacco shed and pole equipment shed.

The sale was conducted by Randal Kline, Lloyd Kreider, and Roy Good, Jr.

XXX

A Public Auction of furniture and personal property was held December 13 at Rudnick's Sales, Route 213, Galena, Maryland for several local estates. The sale was well attended and 900 lots were sold.

Some prices were: oak china closets $550 and $475, 13 pc. Haviland fowl set $250, cutglass pitcher $220, Oriental rugs $100 to $500 each, Steiff Rose flatware for twelve $1080, sapphire bracelet $950, platinum ring with diamonds $1100, cocktail ring with diamonds $1000, sleigh $100, small bronze dog figure $170, glass compote $140, ladies desk $300, slant top desk $650, drop leaf table $310, oak piano & bench $425, large blanket chest $180, Victorian arm chair $270, Empire secretary $650, 3-section oak bookcase $225 and Victorian desk $600.

Harry Rudnick & Sons, Inc. managed the sale.

PUBLIC AUCTION

FARM EQUIPMENT; ROTOVATORS TRUCKS; GOOSE NECK GRAIN TRAILER

SATURDAY, DEC. 27, 1986

at 10:30 A.M.

(10 miles West of Allentown), 1 mile N. of Fogelsville, exit off Rt. 100 onto Mohr Lane & Applewood, continue west past Penn State Campus for 2.2 mile to Wertman St., left one block in Weisenberg Twp., Lehigh Co. Pa.

TRACTORS

JD 2030 diesel w/roll guard & roof; JD 48 loader for same, w/6' bucket; JD 50 tractor w/pwr. str. & roll-o-matic; #45 frt. end loader for same; Farmall F-20 tractor, high clearance spraying attach for same.

TILLAGE

Int. 700 semi mtd. 3 pt. 4-16" auto spring trip pl; Ford 3 pt. 2-18" roll over pl; 3 pt. 11' chisel pl; (3) Howard rotovators, ST 180" S-100" & an M-100"; JD 11' transport disc; Hugo 11' transport harrow land roller comb; Hugo 11½' steel land roller.

PLANTING

Ford 309-4r c planter w/liq. fert. attach; JD-FB1-17 dlb. disc grain drill w/grass seed, & liq. tank w/fert. attach; JD-B217C-21 dlb. disc big box grain drill.

MISC.

NH 676 two beater pto manure spreader w/tandem axles, 10:00x20 tires; Papec 870 grinder mixer; 3- grain gravity wagons 150 to 200 bu. cap; NH mod 155-36' pto bale & grain elev; 1500 gal. poly liq. fert tank; NI 4 bar rake on rubber; Century 3 pt 125 gal. poly tank weed sprayer; David Bradley ½ ton two wheel car trailer; Brady two r stalk shredder; JD 43 pto c sheller w/cob elevator; set of 38" duals; Oliver 3 pt. 4 r rotary hoe; MC 3 pt. 4 r culti; cattle head gate squeezer comb; 5 asst. Smidley hog feeders; Smidley 3½ ton steer stuffer; asstd. cattle gates; plus many items too numerous to mention; Foley #308 chain saw filler w/accessories.

TRUCKS & TRAILER

1974 Int. 500 w/9' stake body, 15,000 lb. GVW, has goose neck hitch; Hillsboro 18' gooseneck w/elec. dump, grain sides, & hay hauling racks extends 27' total length, 30,000 GVW; 1976 Dodge 200- 4x4 w/6'x8' stake body.

Terms- Cash or acceptable check

NOTE: Farming operation is being discontinued, everything sells regardless of price.

FOR:

ZETTLEMOYER'S SUNRISE FARMS

Auctioneers:
Sherwood D. Zettlemoyer
& Forrest C. Laudenslager
(215) 395-8084
Pa. license #AU-001809-L

Refreshments available

P O Box 215 • Fogelsville PA 18051 • 215 395-8084 • License #AU00 509 L

RALPH W ZETTLEMOYER AUCTION CO INC

LONEVALE

REGISTERED HOLSTEIN DISPERSAL

FARM MACHINERY- MILKING EQUIPMENT

THURSDAY, JANUARY 29, 1987

9:30 A.M.

Located in Lancaster County, Pennsylvania, 9 miles East of Lancaster City, 2 miles Southeast of Intercourse on Osceola Mill Road.

60 Head — DHI Testing — 60 Head
Registered Holstein Herd

35 mature animals; 25 heifers springing to calves, 12 head due and fresh Dec., Jan., Feb., balance in all stages of lactation; sires represented, Betty Chief, Very, Ivanhoe Star, Ace, Valor, Steward, etc.; basically young animals; over 20 years AI breeding.

			Age	M	Fat	
Karen Dau						
Lonevale Karen	Fresh Dec as 7 year old	Sire Ivan Star	6 01	19 633	4 0	
	2 records over 20 000M—high score potential					
Karen Dau						
Lonevale Kate	Fresh Dec as 3 year old	Sire Very	2 11	15,238	3 8	
Lonevale Molly	Due April	Sire Key Hole Eric	4 01	16 353	536	projection
	2 year record 305 days, 15 127M 519 fat					
Lonevale Majesty	Life Record as of Oct 86			169,664	5 995	
	4 Daughters—4 generation animals sell					
Majesty Dau						
Lonevale Mary Ann	Due Jan to Valor	Sire- Betty Chief	7 08	21 587	762	
	5 year old record 24,180M 853 Fat					
Majesty Dau						
Lonevale Marion	Due Jan	Sire- Betty Chief	8 09	19,491	670	
	2 other records over 19,000M					
Majesty Dau						
Lonevale Michelle	Sire-Superior		4-02	18,072	588	

Other animals in herd with good records.
10 2-3 year old cows.
Vaccinated—Certified—Accredited.
30 day charts - Veterinarian pregnancy checked.
Present rolling herd average 14,203M 493 fat.

Owner:
AMOS S. & LYDIA SMOKER

Auctioneer:
Steve
Steve Jr. Petersheim:
717-786-4624
Lic. #AU-001349-L

Plenty of Home Made Food On Premises
Auctioneer's Note: An opportunity to purchase machinery and cattle in good condition.

CHEAPER BY THE POUND!

90¢

That's Right, 90¢ Per Lb.

That's what you can buy parts for till Dec. 29th while supply lasts. We are clearing house for 1987, making room for more CASE IH parts inventory. All obsolete parts are out for your inspection. You grab it, we'll weigh it. Case parts, New Idea parts, to name a few. Parts for engines, transmissions, balers, plows & tillage. All types of bearings, seals, pulleys, sprockets, shafts, pedals, housings, etc., etc., etc. Bring a box and fill it!

+ PLUS +

On all parts behind the counter we're giving a 10% cash discount, including batteries, oil and filters.

A.L. HERR & BRO.

PARK AVE., QUARRYVILLE, PA 17566
PHONE: 717-786-3521

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

DECEMBER

SAT. DEC. 20 - 9:30AM Farm Eq. for Richard O. Binkley. Located along Rt. 441 N. of Columbia, PA. Top of Chickies Hill. Wolgemuth Auct. Serv.

SAT. DEC. 20 - 9:30AM For: Denlinger Electric, 2184 Old Phila. Pike, Lancaster, PA. Alvin Miller, Elvin Siegrist, Aucts.

SAT. DEC. 20 - 10AM 28 M/L Acre Farm, Farm Mach., HH. Take Rt. 272 S. of Lancaster, PA, approx. 11 mis., turn E. on Schoolhouse Rd., to Cinder Rd., turn left continuing back on Schoolhouse Rd. Terms by: Elwood & Bertha E. Evans. Kreider, Kline & Good, Aucts.

SAT. DEC. 20 - 10AM Big Valley Farm, Mifflin Co., ½ mi. SE of Belleville, PA, on S. Kish. Street, At Coldwater. Stephen W. & Bertha Zook. Mark Glick, Auct.

SAT. DEC. 20 - 10AM Combines, Tractors, Trucks, Implements. I.R. Swann & Sons, Inc. on Preston-Easton Rd., Rt. 331, Easton, MD. Lloyd O. Whitehead, Trustee. Pete Richardson Auct. Sales.

SAT. DEC. 20 - 10AM Main St., Orangeville (Former Hess Market) on Rt. 487 N. of Bloomsburh. Gary & Karen Hess, Sellers. John Autotore, John Jr., & Kim, Aucts.

SAT. DEC. 20 - 10AM Construction Eq., Power Tools, Office Supplies. From Lancaster, take Rt. 30 E. to red light in village of Gap at Rt. 41 intersection. Continue E. 4/10 of a mi. to Chestnut St. Turn right. 1st drive on left. (Directly behind Blanks Phillips 66 Service Station.) By: Triplewood Construction. Old Towne Auct. Serv. Larry Neuhauser, I. Paul Harnish, Joseph Zook, Aucts.

SAT. DEC. 20 - 11AM Farm Machinery, 5 Tractors, Snown obile, 12 HP Power Cub Cadet. At our farm 3 mis. E. of Muncy, PA, along Kepner Hill Rd., 15 mis. S. of Williamsport. Secured Party, Sellers. Frale Auct. Co.

SAT. DEC. 20 - 6:30PM "Purebred Pride" Holiday Sale, 100 head tested breeding stock. Heated Coliseum, Wayne Co. Fairgrounds, Wooster, Ohio.

MON. DEC. 22 - 11AM Donald & Shirley Albert Farm Machinery Auction. Townline Rd., 1 mi. E. of Rt. 364 or take RR Ave. off Rt. 245 in Village of Rushville, ½ mi. to farm. 10 mis. S. of Canandaigua. Harris Wilcox, Inc., Aucts.

SAT. DEC. 27 - 8:30AM Tack; 10:30AM Horses. Consignment Horse Sale. Keister's Middleburg Auct. Sales, Inc., Rt. 522, 3 mis. E. of Middleburg, PA, 5 mis. W. of Selinsgrove, PA. Don & Walt Keister, Owner.

SAT. DEC. 27 - 9:30AM Real Estate, HH, Tools, Farm Eq., Trucks. York Co., PA. Turn S. off Rt. 30 at Wrightsville Exit, follow Cool Creek Rd. T775 to East Prospect, continue straight on to Rt. 124 into Craley, turn right on Rt. 624 go approx. 1 mi. to edge of Martinsville, turn left onto Hakehollow Rd. Follow to sale. For: Clair & Nancy L. Rexroth. Blaine N. Rentzel, Auct.

SAT. DEC. 27 - 10:30AM Farm Eq., Rotovators, Trucks, Gooseneck Grain Trailer. (10 mis. W. of Allentown), 1 mi. N. of Fogelsville, exit off Rt. 100 onto Mohr Lane & Applewood, continue W. past Penn State Campus for 2.2 mis. to Wertman St., left one block in Weisenberg Twp., Lehigh Co., PA. For: Zettlemoyer's Sunrise Farms. Ralph W. Zettlemoyer Auct. Co., Inc.

SAT. DEC. 27 - 11AM Mr. & Mrs. Pete Jensen Farm Machinery Dispersal. Co. Rt. 122 (Prattsburg to Italy Hill Rd.), 4 mis. N. of Prattsburg. Steuben Co., NY. Pirrung Aucts., Inc.

SAT. DEC. 27 - 11AM 50 Head Cattle at Penns Valley Livestock Auction, Centre Hall, PA. Intersection of Rt. 45 & 144. By: Farmers Home Administration. Formerly Roger & Carolyn Green.

SAT. DEC. 27 - Real Estate, Saw Mill Eq., Mack Trucks, Fruehauf Trailers. Denton Trucking, Inc., and Richard Perry Mezick, Hobbs Rd., Market St., Denton, MD. Pete Richardson Auct. Sales.

MON. DEC. 29 - 9:30AM Lancaster Central Farmers Market will sell 15 stands at Central Market by public auction.

A LESSON WELL LEARNED...

LANCASTER FARMING'S CLASSIFIED ADS GET RESULTS!

Phone:
717-394-3047
or
717-626-1164

PUBLIC AUCTION

Farm Equipment - Grain Trucks
SAT., JANUARY 3, 1987
10:00 A.M.

LOCATED: 8 Miles West of York, PA Along Rt. 30 West of Thomasville, PA.

TRACTORS

White 2 - 155 w/Cab - Heater and Radio, Dual Hydraulic - 1401 Hours (Like New).
Oliver 1800 Diesel - Wide Front, Dual Hydraulic (Like New).
Oliver 1600 Diesel - Less Than 100 Hrs., Motor Rebuilt, Wide Front, Dual Hydraulic.
Oliver 88 Row Crop - Live PTO (Real Clean).
Oliver 66 Standard Diesel - Live PTO (Real Clean).

TRUCKS

1974 Ford F800 Louisville w/14' Grain Bed and Hoist, 30,000 GVW, 5 Speed, 10X20 Tires, Air Brakes, Power Steering - Like New.
1964 Ford F600 - 14' Grain Bed w/Hoist, 21,000 GVW, 2 Speed, Like New.

Oliver 7600 Combine w/Cab - Air and Heater - 13' Grain Head - 4 Row Corn Head (Real Clean).

EQUIPMENT

Oliver 5X16 Automatic - Reset Semi-Mtd. Plow - Like New, Oliver 4X16 Trailer Plow, Trip Back, BRILLION 14 FT. CULTIMULCHER (wheel inside) (like new), Oliver 32 Transport Disk, RHINO - F90B - 21 FT. DOUBLE FOLD-UP DISK (like new), WHITE - 5600 AIR PLANTER 4 ROW NO-TILL DRY FERTILIZER - MONITOR AND INSECTICIDE BOXES - like new, OLIVER 76 GRAIN DRILL DOUBLE DISK 18, Oliver Model 720 PTO Baler w/Thrower, Oliver Fold-up Field Harrow, Oliver Trailer Sprayer w/Booms, OLIVER 100 WIRE BALER w/WISCONSIN MOTOR - collectors item, 14 Ft. Cultipacker and 2 - 4½ Ft. Cultipackers, J.D. 494A 4 Row Planter w/Dry Fertilizer, 7 Tooth Pull-Type Chisel Plow, J.D. 8 Ft. Disk, 9-10-12 Ft. Cultipackers, J.D. 38 Ft. Elevator w/Drag, Case 38 Ft. Elevator, David Bradley Hay Rake, 2 - Oliver Semi-Mtd. Mowers, Bale Elevator, Spring Harrows, 2 Wagons w/14 Ft. Grain Beds and Hoist, 2 Wagons w/16 Ft. Thrower Racks, 4 Row Oliver Culti., Spike Harrows, Side Dresser for Oliver Culti., 4 Cylinder Wisconsin Motor w/Clutch, ANTIQUE GRAIN SCOOP, Cab for 66-77-88, Oliver 3X14 Trailer Plow, 750 Gal. Steel Tank, Used Tractor and Truck Tires, 150 Gal. Fuel Tank w/Pump, Saddle Tank for Truck, 30 Ga. Tank and Pump, Hydraulic Cylinders, Alum. Single Chain Elevator, Corn or Coal Chute, J.D. AUGER WAGON (like new), Narrow Front for 1800 Oliver Tractor, Wagon w/Sides, Oliver H7 Manure Spreader - Ground Drive (like new), 24 Ft. Extension Ladder, 12 Boxes of Baling Wire, Parts for Oliver 35 and 545 Combine, Wagon Load of Small Items.

GRAIN EQUIPMENT

G.T. 370 Grain Dryer - Bottled Gas (Like New), 6"X20' Auger w/Gas Motor, 2 - 4" Grain Augers, Hexagon Corn Crib 12'X12', Moisture Tester, Quick Hitch for Large Tractor, 9 White Front Weights, M.M. Model D Corn Sheller w/30' of Drag, Belt Driven.

NOTE: THIS EQUIPMENT WAS ALWAYS KEPT IN DRY AND IN FULL READY CONDITION.

TERMS: CASH OR GOOD CHECK

SALE CONDUCTED FOR:
RUBY & LARUE SHELLENBERGER
RD 1 Thomasville, PA
(717) 225-1445

AUCTIONEER:
Blaine N. Rentzel
Emigsville, PA
(717) 764-6412
PA Lic. #761

LUNCH BY ROTH REFORMED CHURCH

Short Notice

PUBLIC AUCTION

SAT., DECEMBER 27, 1986
10:00 A.M.

Village of Kirkwood on Maple Shade road, 6 miles South of Quarryville, 6 miles North of Oxford on Route 472.

Sewing Materials and Supplies
Sold in 5 Yd. Lots and Rolls,
Zippers, Buttons, Lace, Much More
Hardware & Watches
Various Size Nails in 50 Lb. Lots
Hammers, Wrench Sets, Much More
Mandarin Oranges In 1 Gal. Cans
and Lots More.
Everything Offered For Auction Will Be Sold.
Auction Will Be Held Inside.

Terms: Cash.

By Owner:
ABRAM B. STOLTZFUS

Auctioneer:
Norman W. Hart
AU001478L
Phone: 717-529-2744

ABSOLUTE AUCTION

COMPLETE BUSINESS LIQUIDATION
CORVAIR'S LOUNGE
formerly Old Colony Restaurant
1281 Manheim Pike, Lancaster, PA
MONDAY, DEC. 29, 1986
AT 1:00 P.M.

EQUIPMENT FIXTURES

Comstock-Castle Broiler/ Stove/ Grill/ Oven Comb., Gas Deep Fryer, Ansul System w/Stainless Hood, Manitowoc 400 Ice Maker 650 lb., Beverage Air 3 & 4 Keg Tap Systems, Pinnacle Display Refrigerator, Perlick Bottle Cooler & Tap System, Electric Aerohot 5' Steam Table, Glenco 2 Door Refrigerator, Postmix Soda System w/10 Wands, two 3 Bosh Stainless Sinks, 4 NCR Cash Registers, Bevador 20 Case Bottle Cooler, Hot Dog Machine, Stainless Work Table, Coldspot Freezer, Toaster, Amano Time Clock, 36 24" Tables, 52 Stacking Chairs, 60 Bar Stools, 4 Booths, Ice Bins, Tappan Microwave, 34 Seat Triangular Bar, 30 Seat Triangular Bar, Hand Railing, Bottle Racks, Movie Posters, Neon Signs, Beer Signs & Lights, Cigarette Machine, 3 Telephones, Menu Boards, Sign Boards, Glassware, Utensils, Track Lights, Coat Racks, Dishes, Other Related Items!

OFFICE FURNITURE, MISC. ITEMS

Zenith 25" Color TV, Seeburg Juke Box, Advance Parking Lot Sweeper, 10' & 6' Suits of Armor, Office Desk, 4 Drawer File Cabinets, Calculator, Answering Machine, Heater, Ladder, Cleaning Supplies, Circular Saw, Tools, Other Items.

SOUND & LIGHTING EQUIPMENT

Yamaha P-520 Turntable, Technics Turntable, Pyramid Mixer Equalizer, Heil Power Amp, Dod Graphic Equalizer, Light Control, Pinspot Lights, Mirror Ball, Track Lights, Other Items!

DOORS OPEN 9:00 A.M. for Inspection. Complete Removal by December 30, 1986 at 6 P.M.

CORVAIR'S
GLENN CARTER, Owner

KERRY PAE AUCTIONEERS
4613 NORTH FRONT STREET
HARRISBURG, PA 17110
(717) 236-3752

AU 1367

PUBLIC AUCTION

Real Estate- 10 Acre Farmette w/Ranch Style House
Household Goods- Tools- Farm Equip. Trucks
SAT., DECEMBER 27, 1986
9:30 A.M.

LOCATED: York Co., PA turn South off Rt. 30 at Wrightsville Exit, follow Cool Creek Road T774 to East Prospect, continue straight on to Rt. 124 into Craley, turn Right on Rt. 624 go approximately 1 mile to edge of Martinsville, turn Left onto Hakehollow Road. Follow to sale. Watch for Signs from Craley. From Red Lion follow Rt. 624 to Martinsville and turn Right at Hakehollow Road.

12:30 REAL ESTATE 12:30

Approximately 10 Acres in Lower Windsor Twp., York County, PA, improved w/a Frame Ranch Style House having large Kitchen, Dining Room, Living Room, Unfinished Family Room w/Stone Fireplace, and Full Bath on First Floor, 3 Bedrooms and Bath on Second Floor. Large Basement w/2 Car Garage, Oil Hot Water Furnace, Wall to Wall Carpet. Kidney Shaped In-Ground Swimming Pool w/Roman Steps, Block Garage 20X24, Pole Barn 40X60 used previously for feeding cattle and equipment storage. 7 Acres Fenced - 3 Acres for Farming. Road Frontage on Hakehollow Road. Electric and Water in all Buildings. Spring Water and Well Water.

TERMS: 10% Down Sale Day, Balance in 60 Days - Or possession can begin immediately with Full Settlement.

Open for Inspection Sunday, December 7 & 14 - 1 P.M. to 4 P.M. or by Appointment by phoning 244-0362 before 8 A.M.

Household Goods

Queen Size Bed, Twin Beds, Single Bed, Edgewood Bedroom Suit (Dresser, Chest of Drawers, Night Stand), Lane Cedar Chest, Oak Stand w/Claw Feet, Living Room Suit, Coffee Table, Stereo and Speakers, End Stand, Grandmother's Clock (new), Zenith Color TV, Drop Leaf Table, Wooden Chairs, Bar Chairs and Stools, 4 Hanging Lights w/Prisms, Sectional Sofa, Breakfast Set, Dresser, Kitchen Cabinet, Night Stand, End Table, Buffet w/Hutch, Table and 4 Chairs, Roll-top Desk and Chair, Display Case, Large Sectional Sofa (6 Pieces), Slant-top Desk, 15 Toy Caterpillar Equipment Items, Set of Blue Willow, Silverware, What Nots, Flatware, Gibson 20 Cu. Ft. Freezer, Frigidaire 15 Cu. Ft. Freezer, Maytag Washer and Dryer, Wood Stove w/Coal and Wood Grate.

MOST OF THIS FURNITURE IS IN LIKE NEW CONDITION AND DARK WOOD FINISH.

Farm Equipment- Trucks- Tools

1968 Chev. 50 Series w/18 Ft. Cattle Body, 2 Speed Rear, 21,000 GVW.
1973 Chev. Flat Bed Dump, 17,000 GVW, rebuilt 350 motor, rebuilt drive train, 2 spd. rear.
1450 Cub Cadet Hydrastatic w/44" Mower, Snapper Rotary Mower, Hahn Rotary Mower, Rototiller, Stihl Weedeater, Stihl L-15 Chain Saw, Homelite Mist Sprayer, 16 Speed Floor Model Drill Press, Bench Grinder, Radial Cut-off Grinder, International 95 Electric Riding Mower, Planter Jr. Seeder, Work Bench, Hydraulic Jacks, Wards Portable Air Compressor, Home Printer w/Letters, Miscellaneous Mechanical Tools, Platform Scales, Extension Ladder, International 664 Diesel Tractor w/3 Pt., Power Steering, J.D. 3X14 Plow - rebuilt, International Off-set Transport Disk, 3 Pt. Cultivator, 3 Pt. Tiller, 3 Pt. J.D. Tool Bar, Myers 3 Pt. Sprayer, J.D. F.B.B. Drill (needs repairs), Cattle Bench Feeder, Farm Gates, Troughs, Fence Post and Fencing, Forks, Shovels, Hose, and Many Items Not Mentioned.

TERMS: CASH OR GOOD CHECK
FULL SETTLEMENT SALE DAY

Sale Conducted For:
CLAIR REXROTH
NANCY L. REXROTH
ATTORNEY: Eveler & Eveler

AUCTIONEER:
Blaine N. Rentzel
Emigsville, PA
(717) 764-6412
Lic. #761

Mr. & Mrs. Pete Jensen

FARM MACHINERY DISPERSAL

SATURDAY, DEC. 27, 1986

11:00 A.M.

Prattsburg, (Steuben Co.) New York Sale at the farm on Co. Rte. 122, (Prattsburg to Italy Hill Road) 4 miles north of Prattsburg.

Selling complete line of farm machinery including: Nice "Same" Jaguar 95 mechanical front wheel drive tractor, 1916 hours, air and heated cab!; Don't overlook this Same tractor!; IH 656 gas tractor, 3 pt. hitch, new front rubber; Farmall 460 gas tractor, wide front and Freeman all hyd. front end loader; AC "B" wide front tractor with side mounted sickle bar mower; NH 846 auto. tie round baler; NH 479 haybine; NH 80 3 pt. bale mover; 20 ft. x 8 ft. tandem axle round bale trailer with spaced plank floors; NI rolabar rake; NH 28 blower; NH 782 chopper, electric controls, 770 wide hay pick-up head and 822 2-row adjustable corn head!; NH #8 crop carrier s.u. wagon with roof on heavy NH gear with flotation tires; Badger 3b s.u. wagon with roof on tandem axle gear; NH 519 spreader with hyd. end gate; Oliver 5-16 semi-mt., hyd. reset plow with slide hitch; JD 110 16 ft. transport disk with cutaway front blades; AC 17 ft. wing type field cultivator; Brillion 10 ft. cultipacker; IH 56 4-row corn planter; Ontario disk grain drill; Lely p.t.o. broadcast seeder; 2 set of 38" chains; Clay "Ranger Manger" elect. feed cart, needs batteries; Small size Harvester roller mill; 2 wheel trailer; older running gear; only a few small items!

The machinery is well cared for! Prior inspection is invited!

Lunch Available!

TERMS: Cash or honorable check day of auction. Proper ID required!

Owned by
PETE and GERI JENSEN
607-522-3280

Auction conducted by
PIRRUNG AUCTIONEERS, INC.
Wayland, NY 716-728-2520

PUBLIC AUCTION

PUBLIC AUCTION

FARM EQUIPMENT; TRUCKS

MONDAY, DEC. 29, 1986

at 10:30 A.M.

Between (Pennsburg & Quakertown), turn S. off Rt. 663 onto Geryville Pike approx. 2 miles, turn E. onto Finland Rd. for 1 mile to farm, Montgomery Co. Pa.

TRACTORS
JD 4020 diesel, wf, duals, nice condition; 2- D-17 AC tractors.

TILLAGE
D 145 semi mtd. 5-16" pl; three bot. 2 pt. snap coupler pl; JD BWA 13' transport disc; Brillion 12' inside wheels roller harrow; Dunham 9' roller harrow; Hutch Master 10' rolling disc pl; AC 16' wing field cultivator; 12' spring tooth harrow.

HAYING
Int. 990 mower conditioner; NH 456 mower; JD 38-7' mower; NI hay conditioner; NH rake; NH 68 hayliner baler; four wheel farm trailers.

PLANTING & MISC.
Int. 510-16 dbl disc grain drill; MC two pull type C planter; Dunham 165 bu. gravity wagon; NI 6"-41' transport grain auger; NI #106 fert & grass seed spreader; NI #7 C husker; 3 pt. 150 gal. poly tank weed sprayer w/30' boom; 3000 bu. grain bin 18' wide.

COMBINE
Int. 141 w/10' grain head (field ready).

MISC.
JD manure spreader; 40' ext. ladder; 275 gal. skid fuel tank w/pump; Gyro 3 pt. seeder; 7' snow bucket; Dynamark 11 hp riding mower.

TRUCKS
1970 Ford dump w/10' body & 42" sides; 1978 Ford 150 Ranger pickup.

Terms- Cash or acceptable check

Ordered by
LINFORD NACE & CLYDE BECK

Conducted by
Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084
Pa. license # AU-001809-L

Refreshments available

P.O. Box 215 • Fogelsville, PA 18051 • 215 395 8084 • License #AU001809 L
RALPH W. ZETTLEMOYER AUCTION INC.

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

MON. DEC. 29 - 10:30AM Farm Eq., Trucks. Between Pennsburg & Quakertown turn S. off Rt. 663 onto Geryville Pike approx. 2 mis., turn E. onto Finland Rd. for 1 mi. to farm, Montgomery Co., PA. By: Linford Nace & Clyde Beck Ralph W. Zettlemoyer Auct. Co., Inc.

MON. DEC. 29 - 1PM Eq. Fixtures, Office Furn., Misc., Sound & Lighting Eq. Corvair's Lounge formerly Old Colony Restaurant, 1281 Manheim Pike, Lancaster, PA. Glenn Carter, Owner. Kerry Pae Aucts.

MON. DEC. 29 - 2PM 132 Acre Farm. Along Harvest Rd., Elizabethtown, PA From E-town square take E High St, (E-town/Manheim Rd.), approx. 4 mis. to Trail Rd. Turn left, go ½ mi to Harvest, right on Harvest to property. Mt. Joy Twp., Lanc. Co., PA. By: Lloyd H. & Kathryn H. Wenger Paul E. Martin & John D. Stauffer, Aucts.

TUES. DEC. 30 - 11AM Hoosier Auction Farm Machinery Auction, Eagle Bridge, NY. 30 mis. E. of Albany, Rt. 22 and 67 N. Hoosiel, NY. John L. Calhoun, Auct

TUES. DEC. 30 - 11AM Farm Mach., Produce, HH. Crandell Rd., 10 mis. E of Wellsville, 4 mis S of Andover. Take Independence off Rt. 417, 1 mi. E. of Andover and follow arrows For: Mr. & Mrs. Wilmer Martin. Roy Teitsworth, Inc., Aucts.

TUES. DEC. 30 - 11AM Farm Eq., Trucks, Buggy, Cart, Hay & Straw Between (Allentown & Hamburg), 1 mi. W. of the village of Krumsville along old Rt. 22, Greenwich Twp., Berks Co., PA. By: Raymond B. Long. Ralph W. Zettlemoyer Auct. Co., Inc.

WED. DEC. 31 - 10AM Tractors, Farm Eq., Tools, Straw York Co., PA. Rt. 30 to Hellam Exit, S. across Rt. 462 (E. Market St.) onto Freysville Rd., 2 mis. to Fry's Lane on left, 1st farm on right. For: Mr. & Mrs. Richard E. Dietz. Blaine N. Rentzel, Auct.

WED. DEC. 31 - 10AM 110 Holsteins and big line of modern farm machinery and produce. Bruce Cornell, Greenwood, Steuben Co, New York. Pirrung Aucts., Inc.

WED. DEC. 31 - 10AM Annual Harper Implement Co., Inc, Auction of Farm Eq., Trucks. Swayzee, Indiana, 12 mis. to Marion, 16 mis. to Kokomo. 2 block S. of the traffic signal light and then 2 blocks W. of State Rd 13 in Swayzee, Indiana. 2 mis. N. of U.S. 35 & SR 13 intersection. Schrader Real Estate & Auct. Co., Inc

JANUARY

SAT. DEC. 27 - & THURS. JAN. 1 - 9AM Former Inventory Billmyer's Jewelry Store, Akron Fire Hall, E Main St., Akron, Lanc Co., PA. PA Turnpike Exit 21 to Rt. 272 to Akron, turn E. on Main St. Terms by. The Ephrata National Bank. T Glenn & Timothy G. Horst, Aucts.

THURS JAN 1 - 9AM Annual Consignment Sale of Farm Eq From I-81 S of Martinsburg, W Virginia, take Exit #5 (Inwood), WV. Rt 51 E approx 3½ mis to Shutt's Cash Grocery (Formerly Haines'), turn right, 2 of mi to sale Edgar A. Bohrer, Sale Mgr

THURS JAN 1 - 10AM Public Auction of Modern Farm Equipment Located 4 mis W of Spring Grove, PA York Co off Rt. 116 at Porter s Hill Rd , turn S. 1 mi to 1st cross road, turn W ½ mi to sale Or 6 mis East of Hanover, PA off Rt 116 Sale conducted for Bernard & Rebecca Gardner Auctioneer, Blaine N Rentzel

THURS JAN 1 - 10AM Farm Eq., Truck. From the square in Red Lion, take Rt 24 S approx 4 mis to Pleasant View Rd (across frm Pleasant View Church) Turn left and continue to sale Gregory & Beth Innerst, Owners Melvin Haines & Ralph Brenneman, Aucts

THURS JAN 1 - 11AM Consignment Auction of Older Farm Toys at New Holland, PA, Fire Hall. Dale Stoltzfus, Auct. 717-768-3554

FRI JAN 2 - 9AM Farm Eq New Holland Sales Stables, Inc., New Holland, PA Abe Diffenbach, Manager

FRI. JAN. 2 - 10 30AM 250 Head Reg & High Grade Holsteins At Shady Lane Dairy Sales, Inc , ¼ mi W of Quarryville, off Rt 372 on Oak Bottom Rd Glenn & David Fite, Owners

SAT JAN 3 - 9 30AM Antiques, Collectibles, Crafts & Coins Located at the Brickerville Fire Hall, Brickerville, PA. E.M. Murry Associates, Aucts.

SAT JAN. 3 - 10AM Farm Eq , Trucks, Grain Dryer. Located 8 mis. W. of York, PA, along Rt 30 W of Thomasville, PA. Larue and Ruby Shellenberger, Owner. Blaine N. Rentzel, Auct. 717-764-6412.

THURS. JAN. 8 - 9AM HH, Antiques, Shop Tools. Lanc. Co., PA, 2½ mis. NE of Intercourse on New Holland Rd. From Rt. 340 go. N. 1 mi. on New Holland Rd., 2½ mis. S. on New Holland. Samuel R. Beiler Steve Petersheim & Steve Jr., Aucts.

THURS. & FRI. JAN. 8 & 9 - Large Two Day Sale of Farm Eq., etc., at our place of business, 1 mi. E. of Marion, PA, off Rt 81. Ralph W. Horst, Manager.

FRI JAN 9 - 10AM Horse Sale New Holland Sales Stables, Inc., New Holland, PA Abe Diffenbach, Manager

Mr. & Mrs. Pete Jenson

CATTLE AND MACHINERY DISPERSAL

SATURDAY, DEC. 27, 1986

11 a.m.

Prattsburg (Steuben Co.), NY. Sale at the farm on Co. Rt. 122 (Prattsburg to Italy Hill Rd.) 4 mis. N. of Prattsburg.

LATE ADDITIONS

Selling will be 81 Interstate tested home-raised holsteins, milking herd consists of 39 cows (DHIA 11/26/86 RHA 18,206M, 3.85 T, 684F, 3.2 P). Tie stall herd of year all round freshening. DHIA transfers available and catalogs at ringside. 13 bred heifers due February-May. 12 open yearling heifers and 17 younger heifers and calves. All cattle innaculated against shipping fever, preg. tested, blood and TB tested for interstate. Trucking available.

TOP QUALITY PRODUCE: Approx. 200 T of high testing (19.1) protein haylage in Harvestore with easy loading facility. Approx. 100 T of high moisture shell corn in Harvestore. 160 round bales second cut alfalfa mixed hay stored inside. 200 bales of mixed hay, first cut, stored outside.

See other ad in this section for complete listing of farm machinery.

OWNED BY:
PETE AND GERI JENSON
607-522-3280

Auction conducted by:
Pirrung Auctioneers, Inc.
Wayland, NY 716-728-2520

ABSOLUTE AUCTION

Former Inventory
BILLMYER'S JEWELRY STORE
AKRON FIRE HALL

SATURDAY, DEC. 27, 1986

AT 9 A.M.
(NEW YEAR'S DAY)
THURSDAY, JAN. 1, 1987

Items for the Individual, Collector, Jewelers and Dealers

Sale to be held at Akron Fire Hall, E. Main Street, Akron, Lancaster County, PA. DIRECTIONS: PA Turnpike exit 21 to Rt. 272 to Akron, turn east on Main Street.

800 RINGS - DIAMOND, Engagement, Wedding Bands, Opal, Etc.
350 WATCHES - Seiko, Bulova, Tissot, Etc.
2500 NECKLACES - 14 Karat Gold, Diamond, Pearl, Opal, and Misc. Stones.
1200 EARRINGS - Diamond, Pearl, 14K, and Misc. Stones.
500 BRACELETS - 200 PINS - Many Charms.
250 WALLETS - Men's and Women's.
130 CROSS PEN AND PENCIL SETS.
60 WALL AND MANTEL CLOCKS AND 75 ALARM CLOCKS.
40 JEWELRY BOXES - 250 Pewter and Silver Items.

Items from each category will be sold at each sale.

Catalogs available for $1.00 at the Ephrata National Bank or from the auctioneer service by calling (717) 859-1331.

TERMS - Cash, certified check, or bank letter of credit for those out-of-county bidders.

TERMS BY:
THE EPHRATA NATIONAL BANK

T. GLENN HORST, AUCT.
AU000438L - (717) 859-1331
TIMOTHY G. HORST, AUCT.
AU001767L - (717) 738-1245
DENNIS J. WARD, ATTY.

SHORT NOTICE

PUBLIC AUCTION

132-ACRE FARM
MON., DECEMBER 29, 1986

Auction Time: 1:00 P.M.

Located along Harvest Road, Elizabethtown, Pa. From square in E-town take East High St. (E-town—Manheim Rd.) Approx. 4 miles to trail road. Turn left ½ mile to Harvest Rd., turn right on Harvest to property on right. Mt. Joy Township, Lancaster County, Pa.

Tract No. 1: 55 Acres, 38 Tillable Pasture with Stream

DOUBLE 2½-STORY SANDSTONE AND FRAME DWELLING. Side No. 1 contains kitchen w/built-in cabinets, large living room, dining room, 1½ baths, 3 bedrooms. Side No. 2 contains kitchen, living room, dining room, 3 bedrooms, bath. Each side has its own oil fired radiator furnace.

Large Bank Barn

Set Up For 150 Steers & 150 Hogs; 20'x65' Stave Silo with Unloader; 60' Taperboard Feeder & Bunk; All Stables are Concreted.

Large Tobacco Shed

W/Cellar and Stripping Room.

4-Car Block Garage

W/Workshop; Corn Barn w/2 Cribs; Macadem Drive; Well & System.

Tract No. 2:

Approx. 44 Acres, Mostly Tillable, w/A Few Acres of Woodland.

Tract No. 3:

Approx. 33 Acres Farmland w/Some Woodland, Pasture w/Stream.

NOTE: THESE TRACTS TO BE OFFERED SEPARATELY, OR AS ENTIRETY. Total Road Frontage Approx. 1 Mile. A Very Nice Lancaster County Farm w/Amish Living Within 4 Miles. All Herein Information Is Believed To Be Accurate But Is Being Used For Advertising Purposes Only.

TERMS: 10% Down Day of Auction. Balance at Settlement on or Before April 1, 1987. If in need of assistance to obtain financing, or need transportation to see property, call Paul E. Martin, 717-733-3511.

OPEN HOUSE: Saturday, December 20th & 27th from 12:00 Noon to 3:00 P.M., or by appointment, call 717-665-3585. Balance of farm may be seen anytime.

Conditions of Sale
By Paul S. Diehm

Auction By:
LLOYD H. & KATHRYN H. WENGER
Phone 717-626-5397

Auction Conducted By:
J.&P. AUCTIONS
Paul E. Martin, Auct.
AU-001601-L
Ephrata, Pa. 717-733-3511
John D. Stauffer, Auct.
AU-001509-L
Lititz, Pa. 717-665-5099

Public Auction Register

SAT. JAN. 10 - 9AM Full Line of Farm Mach., HH, Antiques. Hershey & Magerurite Kurtz. Steve Petersheim & Steve Jr., Aucts.

SAT. JAN. 10 - 9AM PA All Breed Gilt Show. Farm Show Bldg., Harrisburg, PA, Small Arena. PA Co-Op Swine Breeders Assn.

SAT. JAN. 10 - 9AM Antiques, HH, Tools, Car & Van. 490 Howard Ave., Ephrata, PA. Corner of Pine St. & Howard Ave. Terms by Wm. L. Bachl Estate. T. Glenn & Timothy G. Horst, Aucts.

SAT. JAN. 10 - 9:30AM Farm Mach. Kessler Produce, Rt. 524E, Box 1403, Farmingdale, NJ. E. on 195, off at Exit 31B to Rt. 524, R. on Rt. 524E, Pass Allaire State Park, around corner onR. Lee Parker, Auct. Norman Parker, Sale Mgr.

SAT. JAN. 10 - 1PM Farm Toy Auction. The Jack Hussey Collection at the Fire House Museum, Springfield Center, NY Goodrich Auction Service Dave Nolt, Manager.

PUBLIC AUCTION

FARM EQUIPMENT

NEW YEAR'S DAY - JANUARY 1, 1987

10:00 A.M.

LOCATED: 4 miles West of Spring Grove, PA (York Co.) off Rt. 116 at Porter's Hill Road, turn South 1 mile to 1st cross road, turn West ½ mile to Sale - or 6 miles East of Hanover, PA off Rt. 116.

1977 I.H. 4186D, 4WD, Cab, Heat, Air, PTO, 3 Pt. w/New 28L-26 Deer-Cleat Tires, 1800 Hrs. Excellent Cond.

1967 I.H. 656D Utility 18.4x30, 3 Pt., PTO, 2 Valves, Canopy, Heat Houser, 5100 Hrs. Excell. Condition; 1978 N.H. TR70 Combine w/Ford Eng., 4 Row Wide and 15 Ft. Grain Head w/Pick-up Reel. 1800 Hrs. Excell. Condition; N.H. 735 Dryer. LP Fired, PTO, Batch w/Roof and Transport; 52 Ft. Rubber Belt Grain Elevator Completely Enclosed, PTO Drive; 24 Ft. Mulkey Elevator w/Motor; #50 I.H. Flail Shreader w/New Knives- 540 PTO; 2- McCurdy Gravity Boxes- 200 bu. on Grove L528 Chassie w/Floatation Tires; One Husky Gravity Box- 175 bu. on Grove 6 Ton Chassie; One Flat Bed 7x16 Ft. on Husky 6 Ton Chassie; N.H. Super 77 PTO Hay Baler, Twine Tie, Always Kept Inside; J.D. C-392, 3 Pt. Hitch Seeder Spreader; N.I. #19 Manure Spreader, Good Condition; N.I. #504 Manure Loader, 60" Manure Bucket and 8 Ft. Snow Bucket, Fits All I.H. Tractors w/2-Way System; Century 500 Gal. Low Profile Sprayer w/45 Ft. Boom and Dye Marker. 3 Yrs. Old. Like New; 3 Pt. Hitch 7 Ft. Mower; I.H. #400 Cylco Planter, 4 Row Wide, Dry Fertilizer; #70 I.H. 7 Bottom 14" Trailer Plow w/Yetter Disc Coulters; I.H. 541 4 Bottom 16" Mounted Plow 3 Pt. w/Yetter Disc Coulters; I.H. #645 Vibra-Chisel 22 Ft. w/Wings and Midwest Buster Bar; I.H. #470 Wing Disc Harrow 18 Ft. Good Condition; Chattanoga 20 Ft. Packer w/End-Wise Transport; Two Grain Moisture Testers, Grain Probe; 1973 Chev. Impala 4 Dr. Sedan, Auto, PS, PB and 350 Eng. Good Mech., 115,000; Assortment of Used Tires and Wheels; New and Used Repair Parts.

TERMS: CASH OR GOOD CHECK

SALE CONDUCTED FOR:
BERNARD & REBECCA GARDNER
RD 3 Box 3330
Spring Grove, PA
(717) 225-1959

AUCTIONEER:
Blaine N. Rentzel
Emigsville, PA
(717) 764-6412
PA Lic. #761

PUBLIC SALE

MONDAY, DEC. 29, 1986

9:30 a.m.

LANCASTER CENTRAL FARMERS MARKET

The City of Lancaster will sell fifteen (15) stands at Central Market by public auction. Bidding will start at $576.00 for a 6' stand. For additional information call (717) 291-4740 or 291-4739.

Bernard G. Grimm, Jr.
Auctioneer
AU-002364-L

ANNUAL PUBLIC SALE

From Interstate 81 South of Martinsburg, West Virginia, Take Exit #5 (Inwood) WV, Route 51 East Approximately 3½ miles to Shutt's Cash Grocery (Formerly Haines') Turn right - .2 of a mile to sale -- OR -- From Charles town, WV, Take Route 51 West, Go approximately 8½ miles to Shutt's Cash Grocery - Turn left - .2 of a mile to sale.

THURSDAY, JAN. 1, 1987

AT --- 9:00 A.M.

TRACTORS AND EQUIPMENT: Approximately 20 - 25 tractors including Cubs, Fords, John Deere, Internationals, Fergusens and other tractors. We will also be offering 2 and 3 axle trailers, a good selection of plows, cultivators, wagons, new and used rotary cutters, 6 and 7 foot blades, post hole diggers, discs, wood saws, rakes, balers, round balers, gran elevators, corn pickers, corn planters, and other farm related articles.

We will also be offering a good selection of NEW AND USED TOOLS -- Canned goods, hams and other food items Some Household articles. Cuz of Pennsylvania will be here with watches, tapestries, crystal and sewing material

TERMS: CASH OR GOOD CHECK. NOTHING TO BE REMOVED UNTIL SETTLED FOR. ID REQUIRED TO ACQUIRE BIDDING NUMBER.

EDGAR A. BOHRER, SALE MGR.
WV Lic. #18-87
304-229-8354

NOTE: THIS IS A CONSIGNMENT SALE. Let us turn your unused farm articles, household articles, and antiques into cash for you. If you are considering having an auction, please contact us. We would be pleased to serve your needs.

ORDER OF SALE: SMALL ITEMS: Tools, household articles, food, etc will be offered promptly at 9 am; TRACTORS AND EQUIPMENT: Wll be offered promptly at 12 NOON.

NOT RESPONSIBLE FOR ACCIDENTS ON PREMISES
LUNCH RIGHTS RESERVED

PUBLIC SALE

OF VALUABLE COMBINE, TRACTOR TRUCKS & FARM MACHINERY

THURSDAY, JANUARY 1, 1987

AT 10:00 A.M.

LOCATION: From the square in Red Lion, take Rt. #24 South approx. 4 miles to Pleasant View Rd. (across from Pleasant View Church). Turn left and continue to sale. Watch for sale signs.

Gleaner MKS combine w/new motor, grain saver, automatic auger, header height control, #438 corn head, 13' grain table, Love floating cutter bar, hydraulic pick-up reel, sharp.
Grain Chief 450 bu. batch dryer w/PTO.
International 574 diesel w/wheel weights, front weight bracket, wide front end, 3100 hours, 85% rubber.
1971 International 1890 Load Star truck w/16' alum. van body, 392 engine, air brakes, 33000 gross weight, 2-speed rear, 145,825 miles.
Allis Chalmers 600 4-row no-till corn planter w/liquid fertilizer, Demco squeeze pump, Dicky John monitor.
IH #550 5/16 semi-mounted plow.
IH #550 plow for parts.
Oliver #252 12' transport disc.
Brilliant 12' cultipacker w/4" axle.
Dunham 9' cultipacker.
Allis Chalmers 15 hoe drill - seed/grass.
MF 9-tooth chisel plow.
MF 3 pt. wheel rake.
John Deere #224T baler w/ejector, nice.
2 Country Boy 200 bu. gravity boxes, like new Grove running gear.
21' Bale King Hay Wgn. w/8 ton JD running gear.
Lely 3 pt. fertilizer spreader.
Walsh 250 gal. 8-row trailer sprayer w/hyd. pump.
(2) 150-gal Walsh tanks.
Mayrath 24' elevator, no motor
Allis Chalmers 16½ field cultivator w/3' hyd. wings on wheels.
AC & JD corn planter plates, iron piles.
Few small wagon items.

TERMS: Cash or good & approved check. Out of state buyers must have letter of credit from bank.

NOTE: Mr. Innerst is discontinuing crop farming and therefore is having public sale. Lots of nice equipment. Come early.

OWNERS:
GREGORY & BETH INNERST
RD#3 Red Lion, Pa. 17356
(717) 246-1738 or 244-6068

AUCTIONEERS:
Melvin Haines 764-2241
Ralph Brenneman 741-1728
Lic.# 379L 708L

Not responsible for accidents.
Refreshments served.

PUBLIC SALE

HOUSEHOLD GOODS- ANTIQUES
SHOP TOOLS- CARRIAGE

THURSDAY, JANUARY 8, 1987

9:00 A.M.

Located in Lancaster, County, PA, 2½ miles Northeast of Intercourse on New Holland Rd. From Route 340 go North 1 mile on New Holland Rd., 2½ miles South of New Holland.

HOUSEHOLD GOODS- ANTIQUES

2 Servel gas refrigerators, 2 Caloric gas stoves; Maytag washing machine, Warm Morning space heater, 3 oil space heaters, extension table; 2 sofas; cushion recliner, secretary desk, old; slant top desk, 4 cushion rockers; bedroom suite with box spring & mattress, 3 double beds with box spring & mattress; 2 corner cupboards; cane bottom nursing rocker; oak wash stand; oak dresser with mirror and towel rack; chest of drawers; oak swivel chair; wooden high chair; oak library table; childs table & chairs; old; 6 matching plank bottom chairs; 6 matching cane bottom chairs, 6 matching cane bottom chairs; 6 matching plank bottom with design chairs; studio couches; old wood chest; wicker baby coach, excellent condition; grained blanket chest, 2 drawers; 2 family records dated back 1821-1877 in frame, excellent condition; 4 trunks, 1 camel back; kerosene lights, 1 with green base; **pair of childs rocking horses;** iron penny bank; 2 mantle clocks; Plymouth & Gilbert; large rocker; 2 tin match boxes; bed spreads; hand stitched comforter; linens; blankets; pillows; 4 sets pillow covers sewn in designs & initials; pin cushions; old scarfs; doilies; dresser scarfs; 2 dolls dressed; old books; Mast family record book; treadle sewing machine; 3 suit cases; wooden handle ice cream dipper; apple peeler; gas lanterns; throw rugs; some braided; hanging magazine rack; early grain harvesting equipment book; set of flo-blue dishes with cups & saucers; gravy boat, fine china childs tea set, 7 piece water set apple design; glass large turkey on nest, 6 plate setting china; 6 pieces rag carpet; old shopping basket, clothes rack dryer; old shaving case; sad irons; Maytag washing machine; hardware scales; 5 benches, crocks; wheel chair; folding chairs, porch glider & flower pots

SHOP & GARDEN TOOLS, ETC.

½ ton chain hoist; anvil; bench vise; sledge hammer; axe, dual wheel wheel barrow; bag wagon; large block & tackle; hand drill press; full line hand tools; Handyman jack; garden tools; lawn chairs; lawn roller, lawn swing; tool box; storm front carriage with roller bearing; full set driving harness; buggy blankets; miscellaneous items not listed; milk cans; platform scales.

Owner:
SAMUEL R. BEILER

Auctioneer:
Steve
Steve Jr **Petersheim:**
717-786-4624
Lic. #AU-001349-L

Food On Premises
Auctioneer's Note: Items mostly all in real nice condition.

PUBLIC AUCTION

New Holland Sales Stables, Inc.
New Holland, Pa.

Tractors & Horse Drawn Farm Equipment-Supplies-Small Items

FRIDAY, JANUARY 2, 1987

SALE OF SMALL ITEMS 9:00 A.M. **FARM EQUIPMENT 10:00 A.M.**

New customers and out of state buyers must have current bank letter of credit with guaranteed amount or cashier checks

Abe Diffenbach, Manager

A list of your sale items must be in our office by Monday, December 22nd to be included in our complete listing in the December 27 issue.

For more information contact Abe Diffenbach or Norman Kolb at 717-354-4341

NEXT FARM MACHINERY SALE FEB. 13, 1987

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

MON. JAN. 12 - 12 Noon Truck, 2 Tractors, Orchard Eq., Bulk Bins, Crates. Midway between Fairfield, PA, and Cashtown, PA, in village of Orrtanna, PA. Adjacent to Knouse Foods Coop. J. Kenneth Biesecker, Owner. C. David Redding, Auct.

MON & TUES. JAN. 12 & 13 - 10AM PA All Breed Gilt Sale, Farm Show Bldg., Harrisburg, PA, Small Arena. PA Co-Op Swine Breeders Assn. Harry Bachman, Auct.

THURS. JAN. 15 - 9:30AM Big Potato & Dairy Farm Auction for Chas. Flock & Sons, Rt. 34, Colts Neck, NJ. Col. Fred R. Daniel Aucts, Inc.

THURS. JAN. 15 - 9AM 47 Acre Dairy Farm, Hi Grade Holstein Herd, Farm Mach., Milking Eq., Feed. Dauphin Co., PA, 8 mis. E. of Millersburg, 2 NW of Berrysburg form Rt. 25 go N. on Rt. 225 to Shippen Dam Rd. left to Miller Rd. right. David B. & Barbara K. Stoltzfus, Owners. Steve Petersheim & Steve Jr., Aucts.

SAT. JAN. 17 - 9:30AM 70 Acre Farm, Livestock, Farm Eq., Crops. 6 mis. S. of Quarryville, 4 mis. N. of Wakefield. Just E. of Rt. 222 along Fulton View Rd. Little Briton Twp., Lanc. Co., PA. Jacob M. & Rachel E. Stoltzfus, Owners. Diffenbach Aucts.

SAT. JAN. 17 - 10AM Farm Eq. Located Marlow, W. Va., from I-81 N. of Martinsburg, take Marlow Exit to Rt. 11 N. turn right onto Broad Lane to sale. Donald Reid, Owner. Edgar A. Bohrer, Auct.

FRI. JAN. 23 - 10AM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

WED. JAN. 28 - 10AM Modern Dairy Eq. from double 10, double 6 and single 6 milking parlor. All w/Boumatic automotic takeoffs. Terms by: Oxview Farm, Oxford, PA, Chester Co. J. Omar Stoltzfus & Leon Kurtz, Auct.

THURS. JAN. 29 - 9AM Registered Holstein Herd, Farm & Milking Eq. Amos S. & Lydia Smoker. Steve Petersheim & Steve Jr., Aucts.

FRI. JAN. 30 - 11AM Farm Eq. From Rt. 222 go N. on Rt. 897 for 5 mis., turn right onto Texter Mountain Rd., go 3 mis. to left at sign for Newmanstown. 1 mi. to sale. From Rt. 419 turn S. at red light in Newmanstown, follow main rd. for 3 mis. to sale, Lebanon Co., PA. Terms by: Clarency & Anna Ruth Martin. Horning Farm Agy, Inc., Alvin Horning & Merle Eberly, Aucts.

FRI. JAN. 30 - 11AM 40 Fresh Cows and Heifers. Ulysses, PA. Jerry Pirrung, Sales Mgr.

SAT. JAN. 31 - 8:30AM Tack; 10:30AM Horses. Consignment Horse Sale. Keister's Middleburg Auct. Sales, Inc., Rt. 522, 3 mis. E. of Middleburg, 5 mis. W. of Selinsgrove, PA. Don & Walt Keister, Owners.

FEBRUARY

FRI. FEB. 6 - 10AM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

GOOD'S AUCTION

111 North Maple Ave.
Leola, PA. 17540
Hay, Straw & Grain Sales
Every Wed. At 12 o'clock noon
Auction House
#000014-L

Mr. and Mrs. Bruce Cornell

AUCTION

A Three Generation Family Farm Dispersal
CATTLE—EQUIPMENT—PRODUCE
WED., DECEMBER 31, 1986
10:00 A.M.

Greenwood, (Steuben Co.) New York
Sale to be held at the farm located along Rte. 248, 8 miles south of Canisteo or ½ mile north of the intersection of Rtes. 248 and 417 at Greenwood.

Farm for sale, selling will be:

111 Interstate Tested, Homeraised Holsteins

Dairy Herd consisting of 57 cows. (DHIA 10-17-86 RHA 18,980M. 3.8F. 712F. 3.3P.) This is an Eastern bred herd of tie stall cows of year around freshening, using top line sires. DHIA transfers available and catalogs at ringside.
15 Bred Heifers due Jan. through April; 17 Open Heifers at or near breeding size; 22 Heifer Calves from 1½ mo. to 7 mo.; All Cattle Vet. examined, inoculated against shipping fever and ready for interstate shipment. Trucking available!

Clean Machinery Line-Up

White 2-105 diesel tractor, air and heated full cab, 1372 hrs., 20.8-38 rubber!; MF 285 diesel tractor, cab, 18.4-34 rubber, 2300 hrs.; MF 255 diesel tractor, 16.9-30 rubber, 1168 hrs., and MF 236 all hyd. front end loader!; AC D-17 series 4, w.f.e. tractor; NH 892 chopper, electric controls, 2-row new style corn head and 880 W hay pickup head; NH 28 blower, 3 yr. old; 2 nice Lamco "Rex" 14 ft. 3-beater s.u. boxes on tandem electric wheel gears with flotation tires; White 543 4-row plate type corn planter with bug boxes; MF 15-7 grain drill with dry fertilizer and grass seeder; MF 124 ejector baler with liquid treater; NH 495 haybine; MF 256 rake with rubber mount teeth; 3 basket wagons on gears; NH 36 ft. bale-grain transport elevator with elect. motor; NI 354 10 ton manure spreader with tandem axle, hyd. end gate and Gratz style chain; Winpower 35000 watt p.t.o. alternator on cart; Ubler 770 electric feed cart; Patz 15 ft. and Utility 16 ft. single chain feed conveyors; Lucknow 3 pt. 8 ft. double auger heavy duty snow-blower with hyd. spout; MF 880 5-18 on the land hitch, spring reset plow with spring coulters; AC 15½ ft. model 2500 wing type disk; Dunham 12 ft. cultipacker; Century 200 gal. plastic tank weed sprayer; Set of 20.8-38 snap on duals; 550 gal. diesel tank with electric pump.

Produce

App. 3000 bales of 2st cutting alfalfa mixed hay sold in lots; App. ½ of 20 ft.x 77 ft. Harvestor silo of alfalfa haylage and app. ½ of 20 ft.x65 ft. silo of corn ensilage. Unloading rights to both silos!

NOTE: Bruce and his family farmed here since 1937, artificial bred since the early days and have developed a very nice farmstead. Machinery mostly purchased new, housed and operated by the owner. The farm is for sale!

Lunch—Tent—Portajohns

TERMS: Cash or honorable check with proper ID. All settlements in full on sale day!

Owned by
BRUCE and PEG CORNELL
607-225-4930

Auction conducted by
PIRRUNG AUCTIONEERS, INC.
Wayland, NY
716-728-2520.

AUCTION SALE
TRUSTEE'S SALE IN BANKRUPTCY
REAL ESTATE- SAW MILL EQUIPMENT- MACK TRUCKS- FRUEHAUF TRAILERS

Property of Denton Trucking, Inc. and Richard Perry Mezick

SATURDAY, DEC. 27, 1986

Hobbs Rd.- Market St.
Denton, Md.
To be sold at 10:00 A.M.

12 acres of land improved by a nice office building and saw mill building.

Sawmill Equipment: O-1 Frick carriage timber tiger, takes 20' logs, all air; Tyrone Berry- 215 feed; Mobark EM36 DeBarker line head; Fulghum 60"- 6 knife chipper; 200 hp motor; Mellott #5 log turner; 11' saw mandel; 60' Toledo inground mechanical scales Sn4361; 2 Englo 5 hp conveyors, 3 phase; 83' Webster vibrating conveyor; 52' 3 Stran conveyor; Corley sliding arbor double saw end trimmer; Weise single arbor edger; 20'-12" traught conveyor; 4 Stran 24' line deck w/air kickers; 26' Horizontal slide off bearer; Starters, capactors and cut off's 52'- 3 stran conveyor; 76' green chain; 55'-18" belt conveyor.

The following to be sold at 1:00 P.M.- All the following real estate and trucks and trailers to be sold at Denton Trucking, Crystal Avenue, Denton, Maryland.

The Real Estate is located on the Choptank River and Robins Creek between Harmony and Denton. The property consists of approximately 20 acres of highland and is improved by a small house built of 6x6 timbers with 2 bedrooms, one bath, living area, small kitchen and eating area, 2 porches, a partially completed 24'x48' outbuilding, swimming hole with dive and dock.

Trucks- 11 Macks- 3 Macks for parts: 2- 1980 Mack R686ST, 300 engine w/wet line; 3- 1979 Mack R685ST, w/wet line; 1978 Mack R685ST, needs engine rebuilt, wet line; 2-1974 Mack R685ST, wet line; 1976 Mack 3686LST, wet line, alum. frame, needs work and parts; 1970 Mack R685ST, parts only; 1970 Mack R685ST, wet line; 1963 GMC yard truck; Fiat Allis 545 Loader; Fiat Allis 345B w/Rockland Log Clamp.

Trailers- All dump trailers w/wet line: 1981 Bobcat line bottom 42' trailer, 85 yd. wet line; 1979 Bobcat line bottom 40'- 85 yd. wet line; 1980 Fruehauf 32' dump W.L.; 1979 Fruehauf 32' dump; 1969 Fruehauf 65 yd. 33' dump L.; 1971 Fruehauf 33' tall dump W.L.; 1959 Fruehauf steel dump 82 yd. 30'; 2- 1970 Fruehauf 30' dump; 2- 1980 Fruehauf 42' flat w/head board; 1969 Fruehauf 40' flat; 1973 Fruehauf 40' flat side axle; 1955 Fruehauf box w/no top; 1970 Fruehauf flat; 2- 1974 Fruehauf 40' flat side axle; 1971 Fruehauf 40' flat; 1970 Evans pole trailer; 1961 Baker pole trailer; Homemade trailer.

Shop Equipment: Hydraulic crane, variable speed drill press, rims, 4 bolt bins, vise, Linde 230 amp welder, air grease guns, hydraulic jacks, 20" & 22" cases for recapping.

Terms: Personal property: Cash on day of sale, Checks will be accepted from residents of the Delmarva Peninsula when drawn on a local bank. All others must be accompanied by a current Letter of Credit from a bank which is federally insured.

Real Estate: $5,000 down on each property, deferred portion due 45 days at 10% interest.

For full particulars contact the auctioneer or see Editions of Times-Record, Denton, Md.

Trustee,
LLOYD O. WHITEHEAD

Pete Richardson Auction Sales
P.O. Box 51, Willards, Md. 21874
Phones: 546-2425 Office 742-6220 Home

PUBLIC SALE

Of Full Line Farm Machinery
Ear Corn - Milking Equipment
Household Goods - Antiques
5 Tractors

SATURDAY, JANUARY 10, 1987

9:00 A.M.

Located in Lancaster County, PA, 6 miles East of Intercourse, 1 mile West of White Horse along Route 340, 15 miles East of Lancaster City.

Tractors, Loader, Combine

International 656 diesel, tricycle front, fast hitch, front weights; year-around cab, sells separate; International 574 diesel, wide front, approximately 2600 hours, 3 pt. dual hydraulic hook-up rear, weights; Dunham heavy duty loader on 574 sells separate, fork & bucket, complete hydraulic control; 3 pt. weight 2400 lbs.; Farmall 400, wide front, hydraulic pulley, P.T.O., torque; Farmall 200, 2 pt. hitch, hydraulic draw bar, P.T.O.; Farmall Super. hydraulic pulley, live P.T.O.; all in good running condition; tricycle post fits 400; 2 full sets of cultivators; tractor chains; tobacco hoers; International front end loader, fits 400; 510 Massey Ferguson combine, 13' grain head, bought new by the Kurtz's, in good condition; front guard for H tractor.

Tillage & Planting Equipment

International 412 semi-mounted, 2 pt. hitch, 4 bottom 16" plow; McDeering 4 section spring tooth harrow; John Deere heavy duty 12' transport disc harrow, new discs, 1 year, dual wheels; John Deere 6' killefer off set disc harrow; International 28 discs pull type disc harrow; Brillion 11' single roller cultipacker mulcher; International 56 4-row corn planter; Stauffer 2-row transplanter; Iron 1-row potato planter; 14' Little Genius 2 bottom trailer plow; Oliver Superior 13" disc grain only drill; 7' rotary hoe.

Harvesting Equipment

New Holland 469 9' haybine; New Holland 56 rake, rubber attached teeth; New Holland 280 baler with thrower; 3-16' hay wagons; 24' Smoker elevator; 36' New Holland elevator; New Idea 325 2-row corn picker, narrow with 327 husking bed; 3 grain bin wagons; International 234 2-row mounted corn picker; John Deere 65 forage blower; Gehl BU85 forage wagon, extra cross conveyor belt new; International fast hitch, 7' bar mower; International semi-mounted 7' bar mower; Case stalk shredder; 2 Minnick tobacco presses; approximately 12,000 tobacco lath; 2 sets of 20' tobacco ladders, steel posts & braces, in good condition; 7' weeder; 16' single chain grain elevator, extra chain; 12'4" grain auger with electric motor; 4 hydraulic cylinders; New Holland 519 manure spreader; Dunham fast hitch post hole digger; potato grader.

Barn & Shop Tools, Etc.

2 feed carts; platform scales; approximately 60'9" silo pipe, goose neck; funnels; round hog feeder; 22 head yard cattle feeder; circular saws fits Farmall H; manure sled; hay ropes; tractor and implement tires & wheels; chicken coops; 16-9-24 new tractor tire; snow fence; 5-16' 2x10 planks; dirt scoop; odd & end pieces of lumber; 4' box yard fence; P.T.O. shafts; jacks; hitches; barn lime spreader; reduction gear grinder drive; hand tools; 2 gear boxes with 16' shafts; small seed broadcaster; box wire fence stretcher; large air compressor; grease pumps; baler twine; International super 100 electric fencer; feed scoops; barn dry; saw horses; rotary lawn mower; 5 calf hutches; cow clippers; animal health supplies; 55 gal. drums; fence posts; rabbit hutches; wheel barrow; 2 well pumps. (Approximately 80 ton ear corn & 3 ton straw.)

Milking Equipment, 20 Milk Cans

3 Surge milker units; dumping station; gas space heater; stainless steel twin tubs; 30 gal. electric water heater; stainless steel strainers & pails; Surge vacuum pump with motor; vacuum regulator.

Butchering Equipment & Antiques

2 sausage stuffers, 1 on old bench; meat grinder on bench; butcher bench; 2 iron kettles; copper kettle; iron stove to heat large iron kettles; iron laddle & fork; poker irons; hog scrapers; crocks, 1 blue no. 3, old with earthen handles; apple butter and lard stirers; wooden spoke wheel barrow; express wagon; wooden pulleys; 2 old tobacco side boxes; egg baskets; egg scales.

Household Goods, Antiques

Small oval drop leaf table; oak extension table with boards & board rack; clothes rack dryer; wicker flower stands; **wicker nursing rocker, A1 condition,** unusual; 2 ladder back rockers; 3 old benches; 2 tables; oil space heater; aget pans; 3 piece bedroom suite, dresser & bureau dove tail drawers; oak library table; black & white T.V.; wicker chairs; old rockers; side board; shopping basket; 2 childs desks & chair; kerosene lamp base; blankets; bedding; etc; rugs; few dishes; table lamps; jars; buffer-waxer; vacuum sweeper; bicycles; tricycle; 2 door upright freezer; 4 plate pot belly stove.

Come and see what else we found in the attic & tobacco shed. Auctioneer's Note: You don't want to miss this one!

Owners:
HERSHEY & MARGUERITE KURTZ

Auctioneer:
Steve
Steve Jr. **Petersheim:**
717 786-4624
Lic. #AU-001349-L

Food by White Horse Fire Co. Ladies Auxiliary

Dairy and Livestock Sales

Public Auction Register

Closing Date - Monday, 5 00 P M
of each week's publication

SAT. FEB. 7 - 10AM 7 acre Farmette & Personal Property. Located Salisbury Township, 1½ mile North of White Horse, turn off of Rt. 340 on Cambridge Rd. to the corner of Seldomridge Rd. & Kauffroth Rd., Lanc. Co., Pa. Terms By: Mary A. Miller. Aucts: Robert E. & Jeffrey R. Martin & Frank L. Steller.

FRI. FEB. 13 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

SAT. FEB. 14 - 9AM Horses and Horse Drawn Machinery. Located in Mifflin Co. between Belleville and Milroy, PA, ½ mi. E. of Barrville along Back Mt. Rd. John B. Hostetler, Jr. and Ner Hostetler. Mark Glick, Auct.

MON. FEB. 16 - 10:30AM Complete Liquidation of the largest grower-packer of potatoes in New Jersey. J&B Potato and Grain Farms, Inc., Hightstown, Monmouth Co., New Jersey, Owners. Pirrung Aucts., Inc.

TUES. FEB. 17 - 9:30AM Farm Mach., Mules, HH. 1 mi. E. of Intercourse, PA. Samuel L. & Rebecca Esh, Owners. Steve Petersheim & Steve Jr., Aucts.

WED. FEB. 18 - 9:30AM Farm Mach., Horses, HH. ½ mi. S. Vintage. Jacob S. & Rebecca H. Beiler, Owners. Steve Petersheim and Steve Jr., Aucts.

THURS. FEB. 19 - 9AM Farm Equip. Located between Soudersburg & Paradise at 2969 Lincoln Hwy., Rt. 30, 8 miles East of Lancaster. Terms By: T.J. Wheary & Sons. Aucts: Robert E. & Jeffrey R. Martin & Blaine Rentzel.

CONSIGNMENT HORSE SALE

SPECIAL DRAFT & DRIVING HORSES
Also
RIDING & SLAUGHTER HORSES

SATURDAY, DECEMBER 27, 1986

Horses 10:30 A.M. Sharp
Tack To Be Sold At 8:30 A.M.

Keister's Middleburg Auction Sales, Inc. Rt. 522 3 miles East of Middleburg, Pa. 5 miles west of Selinsgrove, Pa.

Loads of Draft Horses
Loads of Sharp Standardbred Driving Horses
Work Horses Young Well Matched Teams

For information call: 717-922-1490 or 717-837-2222 or 717-523-0360

Keister's Middleburg Auction Sales, Inc.
Rt. 522 R.D. 3 Middleburg, PA

Owners,
DON & WALT KEISTER

Ray Long & Dave Imes, Auctioneers

Terms: Cash Trucking Available Restaurant Open
Horse Sale Last Saturday Of Every Month

PUBLIC AUCTION

Valuable 74 Acre Dairy Farm
Farm Machinery - H H Goods
SATURDAY, JAN. 17, 1987
Sale 10 A.M.
Real Estate 1 P.M.
Located Rt. 272 South of Lancaster, Pa. 5 Miles South of the Buck turn West on Goshen Mill Rd. 2 Miles to farm. Drumore Twp. Lanc. Co.

Real Estate consists of 74 Acres more or less of Chester silt loam soil, approx. 65 A. tillable, 8 A. pasture, balance occupied by bldgs. Zoned agriculture. Road frontage on three sides. The house a 2½ story frame dwelling w/alum siding, slate roof. 1st Floor: kitchen w/modern built in pine cabinets, stove & dishwasher, dining room, living room, storage room, powder room, laundry and open stairway. 2nd Floor: 6 bedrooms, full bath. Storm windows & doors, attic, basement, oil hot air heat. 4'x 24' round above the ground pool. Frame bank barn approx. 45'x 72', slate roof, loafing area underneath, liquid manure system, metal 12 ton feed bin, 16'x70' concrete stave silo w/unloader. Bunk feeder w/60' belt feeder. 6 Stall milking parlor, 1000 gal. Dari Kool milk tank. 3 Trenches. Metal 66 free stall barn 45'x 75'. Metal 54'x 80' heifer barn & implement shed combined. Corn barn wire corn crib.
Aucts. Note: Farm is ready for use. Immediate possession. 10% down, balance upon settlement. Insp. each Sat. prior to sale.

Terms by
E. WAYNE & DOROTHY GORE

Atty. William Campbell
Aucts. Kreider, Kline, Good, Shirk
AU000513L 717-786-3394

Kreider & Kline Auctioneers

FARMERSVILLE AUCTION

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

NO SALE DEC. 23
NO SALE DEC. 30
Next sale New Years Day at 9:00 A.M.
WE SELL ON COMMISSION

Call ***JOHN J. RUTT***
(717) 354-5095

Auctioneer: Lester Weaver
AU-982-L

Consignments being accepted for our New Year's Day Antique Sale.

"Wishing you a blessed Christmas and a joyful New Year!"

SHORT NOTICE DAIRY CATTLE SALE

SATURDAY, DEC. 27, 1986

11 A.M.
50 HEAD

Penns Valley Livestock Auction
Centre Hall, PA
at the intersection of Rt. 45 and 144

30 Cows- 23 Fresh all stages-
7 Dry
20 Heifers- all stages
Cattle Pregnancy & Vet Checked

*Other Consignments welcome before 9 a.m. Sat.

More Information Call
Scott L. Yocum, 814-364-9096,
814-466-3150

SALE BY
FARMERS HOME ADMINISTRATION & FORMERLY ROGER & CAROLYN GREEN
Terms: Cash or approved check

PENNSYLVANIA SEVENTH ANNUAL HEIFER SALE FOR WORLD RELIEF

THURSDAY, MARCH 12, 1987
MEL KOLBS- BLACK AND WHITE DAIRY BARN
Dairy Road- Lancaster, Pa.- 2 Miles West
Use Flory Mill Road Exit.
Sale Time- Hay Straw- 10:30 A.M.- Heifers 11 A.M.

Donations will be accepted of registered or grade holsteins, or any breed- Milking heifers, bred or open heifers, registered 6 months or older and grades 1 yr. or older.

For information contact.

Kenneth Beiler Gap, Pa	215-593-6434
Sam Beiler, Winfield, Pa	717-374-9649
Harold F Crider Chambersburg Pa	717-597-3965
J Wilmer Conrad Lititz, Pa	717-626-1736
Earl Fuhrman Hanover Pa	717-637-9593
Abner Glick Mifflinburg, Pa	717-966-2036
Harold H Haldeman, Doylestown, Pa	215-348-5648
John Harnish, Lancaster, Pa	717-464-3752
J Eby Hershey, Intercourse Pa	717-768-3317
Jason Hertzler, Milton, Pa	717-437-2139
Arlin Keener Mountville, Pa	717-285-7426
Abraham S King, Gordonville, Pa	717-354-4378
Nevin Mast, Oley, Pa	215-689-5412
Clyde W Martin, East Earl, Pa	215-445-6008
Paul Martin, Stevens, Pa	215-267-6460
Kore J Peachey, Milroy, Pa	717-667-3107
Sylvan Ressler, Quarryville, Pa	717-786-2103
Harold Shellenberger Mt Joy, Pa	717 653 5663
C J Stoltzfus, Elverson, Pa	215-286-5995
Clarence Stover, Jonestown Pa	717-865-2745

Catalog Information Needed By Jan. 20, 1987.
Cattle tested- 30 days prior to sale
Catalogs available sale time
Hay, Straw farm supplies will be acceptable

Sale proceeds will be donated to Mennonite Central Committee, Akron Pa to help feed and clothe the needy of the world in the name of Christ

Pedigrees-
Dale Hoover, Lebanon Pa
717 867 2489
Semen
Leroy C Sensenig, Quarryville Pa
717 786-3128
Auctioneers-
John Umble, Atglen Pa
215 593-5756
Lee Kurtz, Cochranville, Pa
215-593-5387
Omar Stoltzfus, Oxford, Pa
717 529 6301

Lunch by Relief Sale Food Committee

Sales Manager
WILMER G. KRAYBILL,
Elverson, Pa.
215-286-9576

NEXT DAIRY SALE AT SHADY LANE DAIRY SALES

Friday, January 2, 1986
10:30 a.m.

250 Head Registered & High Grade Holsteins 250
at Shady Lane Dairy Sales, Inc., ¼ mile west of Quarryville, off Rt. 372 on Oak Bottom Road.

Special sale of complete milking herd of Mr. & Mrs. John Reeves, Forest Hill, MD.

100 head registered heifers from three months to freshening age; 100 grade open heifers or short bred. Heifers sale promptly at 10:30 a.m.

Sale Managed by:
SHADY LANE DAIRY SALES, INC.
23 Shady Lane, Quarryville, PA 17566

Owners

Glenn D. Fite	David L. Fite
717-786-2750	717-786-1725

"Six Generations of Sales & Service"

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

THURS. FEB. 19 - Farm Eq. & Tools. Allen Hoover, along Rt. 82, approx. 5 mis. E. of Honey Brook. Nevin Martin & Lewis Groff, Aucts.

THURS. FEB. 19 - 9AM PA Draft Horse & Mule Association Sale. Pennsylvania State Farm Show Building, Corner of Cameron & McClay Sts., Harrisburg, PA.

THURS. FEB. 19 - 9:30AM Longview Farms (Punk Bros.), Rt. 526, Imlaystown, NJ. Farm Mach., used on 1000 acre potatoe & grain farms. Sale by: Col. Fred R. Daniel Aucts., Inc.

THURS. & FRI. FEB. 19 & 20 - Large Two Day Sale of Farm Eq., etc., at our place of business, 1 mi. E. of Marion, PA, off Rt. 81. Ralph W. Horst, Manager.

FRI. FEB. 20 - 10AM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

SAT. FEB. 21 - 9AM. Farm Toy Show and Auction. Located at the Best Western Inn, in the Mariposa Ballroom. 1245 Harrisburg Pike, Carlisle, PA. Sponsored by the Cumberland Valley Tractor Pullers. Mark K. Keller, Auct.

SAT. FEB. 21 - Tack 9:30AM and Horses 11AM at the Belleville Livestock Mkt., Belleville, PA. Draft Horses, Mules and Driving Horses. Mark Glick, Auct.

MON. FEB. 23 - 10AM Complete Liquidation of Potato Farm Mach. for Wolf Farms, Inc., Stewartstown, York Co., PA. Owned by Wolf Farms, George Wolf and Sons. Pirrung Aucts., Inc.

MON. FEB. 23 - 10AM Farm Mach., Dairy Eq. ½ mi. S. of Belleville, PA. David J. & Arlene Spicker, Owners. Mark Glick, Auct.

TUES. FEB. 24 - 9AM Horses, Dairy Cattle, Swine, Farm Mach. Centre Co., 1 mi. E. of Aaronsburg, PA. Ben Y. & Barbara Hostetler, Owners. Mark Glick, Auct.

TUES. FEB. 24 - 9:30AM Farm Machinery and Tractors. Located along Meadow Valley Rd., Ephrata, PA. Edwin Horning and Sons, Owners.

TUES. FEB. 24 - 11AM Farm Mach., 3 Tractors, Most 11 bought new. Located 3 mis. S. of New Holland. For. Jacob S. & Ada Deinner. Steve Petersheim & Steve Jr., Aucts.

WED. FEB. 25 - 9AM Holstein Herd, Milking Eq., Farm Mach. Aquilla & Anna Mary Stoltzfus Steve Petersheim & Steve Jr., Aucts.

THURS. FEB. 26 - Farm Eq. Located Cumberland Co., 132 Park Drive, Boiling Springs, PA. Ferman Landis, Owner. Foreman's Auctioneering.

Dairy and Livestock Sales

THURS. FEB. 26 - 11AM Robert England, Gordon Rd., Robbinsville, NJ. Big Grain Farm Mach. Sale by: Col. Fred R Daniel Aucts., Inc.

FRI. FEB. 27 - Rt. 49 between Gold and Coudersport, PA, Potter Co. Mr. & Mrs. Rodney Hershey Dairy Heifers and Farm Mach. Jerry Pirrung, Sales Mgr.

THURS. & FRI. FEB. 26 & 27 - 9AM Ea. Day. Antique Tractors & Engines, Parts, New, Used & Abused Farm Eq. 10 mis. E. of Lanc., 2½ mis. W. of New Holland, turn off Rt. 23 on S. Groffdale Rd., turn left on Musser School Rd. Lanc. Co., PA. Terms: Elias S. Beiler. Aucts.: Robert E. Martin & Son, Blaine Rentzel & Ed Goodrich, Jr.

SAT. FEB. 28 - Farm Eq. & HH. Aaron Ebersol, along Churchtown Rd., ½ mi. S. of Cambridge. Nevin Martin & Lewis Groff, Aucts.

SAT. FEB. 28 - Fifth Annual Lancaster Farm Toy Auction, Show and Sale at Lancaster Treadway Inn, Route 30 and Oregon Pike (Rt. 272), Lancaster, PA. Show and Sale 9AM to 3PM. Auction starts at 5PM. Auctioneer-Wally Hooker.

SAT. FEB. 28 - Farm Eq. Located 3 mis. N. of Manville, PA. H. John and Mary S. Martin, Owners. Paul Martin & John D. Stauffer, Aucts.

SAT. FEB. 28 - Farm Machinery. Landisburg, Perry Co., PA. Gary Haas, Owner. Kling's Auction Service, Sale Mgrs.

SAT. FEB. 28 - 8:30AM Tack; 10:30AM Horses. Consignment Horse Sale. Keister's Middleburg Auct. Sales, Inc., Rt. 522, 3 mis. E. of Middleburg, 5 mis. W. of Selinsgrove, PA. Don & Walt Keister, Owners.

SAT. FEB. 28 - 10AM Good Line of Farm Mach. Centre Co., 3¼ mi. E. of Aaronsburg, PA, on Apple Butter Rd. Fred & Mona Boob, Owners. Mark Glick, Auct.

MARCH

MON. MAR. 2 - Farm Mach. Landisburg, Perry Co., PA. Dean Pannebaker, Owner. Kling's Auction Serv., Sale Mgrs.

WED. MAR. 4 - Farm Mach. Carlisle, PA. Donald Ellerman Estate. Kling's Auct. Serv.

WED. MAR. 4 - 9:30AM Farm Mach., 15 Head Heifers, few HH. Located 1 mi. W. of Gap on Mine Rd., PA. Ben S. & Mary E. Lantz, Owners. Steve Petersheim & Steve Jr., Aucts.

FRI MAR. 6 - 9AM Machinery. At the Belleville Livestock Mkt., Belleville, PA.

FRI. MAR. 6 - 10AM Horse Sale at New Holland Sales Stables, New Holland, PA. Abe Diffenbach, Manager.

Christmas Thoughts

Let us keep Christmas, its meaning never ends ...the time of year to wish happiness and good will to friends and loved ones, near and far...the time to share the joys of the past and the hopes of the future, and to remember all we have to be thankful for. If we can do this for a day, why not forever? Let us keep the true spirit of Christmas. Today, tomorrow and always.

Merry Christmas
from
Smoketown Quality Dairy Sales
Gordon & Helen Fritz

Following is a Partial List of our
SALES FOR THE SPRING OF 1987

January 23, Interstate Milk Producers closing out supply store from Christiana. Held at the Solanco Fair building.
February 13, Barry Johnson, Farm Machinery , Airville Area, York Co.
February 14, Granville Overly Estate household sale, Wakefield Area.
February 20, Coin Sale. Winterstown Fire Hall, York Co.
February 25, Donald Myers Farm Machinery Sale and Carpenter tools, Buck Area.
March 7, Robert Reherd, Farm Machinery Sale, Airville Area, York Co.
March 14, Robert Webb, House & Household Goods, Fawn Grove Area, York Co.
March 24, Ben Herr Farm Machinery Sale, Chestnut Level Area.
March 28, George McDonald, Farm Machinery, Milk tank & tools, Rising Sun, Md.
April 4, Lions Club Sale, Wakefield Area.
April 18, New Danville Mennonite School.
April 25, Consignment Sale of Farm Machinery & Lawn Equipment, New Park, York Co.

Also assisting with these sales:
Feb. 28, Strasburg Fire Co.
Mar. 14, Gordonville Fire Co.
Apr. 11, Rawlinsville Fire Co.

Auctioneers: 717-786-1545
J. Everett Kreider AU000512L
Stanley Bucher, Martin Heaps } App.

Special Holiday Sale

Tuesday Evening, December 30th at 7:30 P.M.

To be held at Smoketown Quality Dairy Sales- Smoketown, Pa. Rte. 340

One Load of Registered Cows and Heifers out of Franklin County
One Load of Cows out of New England States
3 Good Registered Bulls

See Our Ad In Lancaster Farming Next Week For More Details!

Sale Managed By:
SMOKETOWN QUALITY DAIRY SALES
Gordon & Helen Fritz
717-393-0930

PUBLIC SALE

SATURDAY, JAN. 17, 1987
9:30 A.M.

Located six miles south of Quarryville, four miles north of Wakefield. Just east of Route 222 along Fulton View Road. Little Briton Twp. Lanc. Co. Penna.

REAL ESTATE

70 ACRE FARM more or less
Approximately 56 acres tillable
Approximately 11 acres permanent pasture and woodland.
BANK BARN with slate and metal roof. Milk house, corn cribs.
Forty stanchions; box stalls; Horse stable;
16' x 55' concrete stave silo; carriage shed.
STONE and frame house with seven rooms, and bath. Large porch. Slate roof.

LIVESTOCK; FARM EQUIPMENT; CROPS

Sale at 9:30 A.M.
Real Estate at 10:30 A.M.
Inspection anytime except Sundays

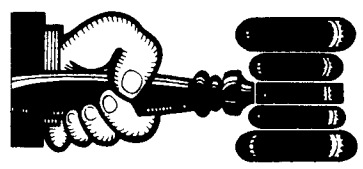
Owners
JACOB M. & RACHEL E. STOLTZFUS

Diffenbach Aucts 225L
717-393-4464

Lunch Available

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication



AUCTIONEER'S DIRECTORY

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication

WOLGEMUTH AUCTIONEERS
R D #2 Manheim Pa

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37 Years Of Complete And Experienced Auction Service We Will Buy Your Farm Machinery And Cattle OR Sell Them For You At Public Auction For Their Highest Market Value!

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BOB (717)442-4181 ROB (215) 458-5060
(215) 458-8518
Licensed and Bonded
"Eastern Pennsylvania's Foremost Auction Company."

Dairy and Livestock Sales

SAT. MAR. 7 - 9AM Horses, Cattle, Hogs, Old Engines, Farm Mach. Mifflin Co., 2 mis. NE of Reedsville, PA, on Church Lane. Eli J. & Barbara Yoder, Owners. Mark Glick, Auct.

SAT. MAR. 7 - 9:30AM Farm Eq., HH, Antiques. Located along Newswanger Rd., 1 mi. E. of Hinkletown, Ephrata Twp., Lanc. Co., PA. Terms by: Alvin H. & Anna Weaver. Paul W. Horst & John Fry, Aucts.

SAT. MAR. 7 - 9:30AM; Real Estate 2PM. Lot 147 Perches, 2½ story frame dwelling. Located 171 E. Main St., village of Bareville, between New Holland and Leola. Terms by: Esther, Edna and Grace Wenger. Robert E. & Jeffrey R. Martin, 717-656-7770. Frank L. Steller, Aucts.

SAT. MAR. 7 - Farm Eq. & Tools. David H. Martin, along New Holland Road, 1 mi. S. of New Holland. Nevin Martin & Lewis Groff, Aucts.

SAT. MAR. 7 - Bart Twp. Fire Co. All Day Sale of Horses & Mules, Farm Eq., Hay & Straw, Building Materials, HH. Located Village of Georgetown on Rt. 896. Lanc. Co.

SAT. MAR. 7 - Farm Eq. Located between Lincoln and Brunnerville, PA. Allen W. and Bertha W. Weaver, Owners. Paul Martin & John D. Stauffer, Aucts.

SAT. MAR. 7 - Farm Mach. RD #3, Newville, PA. C. Everett Warner & Rodney Nailor, Owners. Kling's Auct. Serv., Sale Mgrs.

SAT. MAR. 7 - Registered & Grade Holsteins and Farm Mach. About 2 mis. E. of Belleville, PA. Enos J. Yoder, Jr., Owner. Mark Glick, Auct.

MON. MAR. 9 - Consignment Sale. Farm Machinery & Related Items. Lebanon Fair Grounds. Held by: Lebanon Valley Auction Co. For information: 717-866-2135 or 717-272-4641

TUES. MAR. 10 - Farm Eq. & HH. Martin W. Zeiset, along Churchtown Rd., 1½ mi. S. of Churchtown Nevin Martin & Lewis Groff, Aucts.

TUES. MAR. 10 - Dairy Herd Dispersal. RD, Mechanicsburg, PA. Norman Hertzler, Owner. Kling's Auct. Serv.

WED. MAR. 11 - 11AM Big Late Model Grain Farm Machinery Auction. 211 Upper Silver Lake Rd., Newtown, PA. All one owner, well kept. Amos & Gary Kirk, Owners. Col. Fred R. Daniel Aucts., Inc.

THURS. MAR. 12 - Farm Mach. Mechanicsburg, PA. Ashcombe Farms, Owners. Kling's Auct. Serv., Sale Mgrs.

THURS. MAR. 12 - 11AM PA 7th Annual Heifer Sale for World Relief at Mel Kolb's Sales Barn, Lancaster, PA. Wilmer Kraybill, Manager.

FRI. MAR. 13 - Consignment Farm Machinery Auction at Keister's Middleburg Auction Sales, Inc., Rt. 522, 3 mis. E. of Middleburg, PA, 5 mis. W. of Selinsgrove, PA. Don & Walt Keister, Owners.

FRI. MAR. 13 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

SAT. MAR. 14 - 22 Acre Farmette and Farm Eq. Located between Denver and Reinholds, PA. Wm. D. and Sandra I. Coldren, Jr., Owners. Paul Martin & John D. Stauffer, Aucts.

THURS MAR 19 - 9:30AM Farm Eq & Milking Eq. Located Rt. 74 S. of Airville, turn W. on Bridgeton Rd. go 1½ mis to crossroad and continue straight to first lane on right Mr. & Mrs C Robert Kilgore Blaine N Rentzel, Auct.

FRI. MAR. 20 - 6:30PM Consignment Sale of Feeder Pigs and Feeder Cattle. Keister's Middleburg Auct. Sales, Inc., Rt. 522, 3 mis. E. of Middleburg, PA, 5 mis W of Selinsgrove, PA. Don & Walt Keister, Owners.

FRI. MAR. 20 - 7PM Horse Sale at New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

FRI. MAR. 20 - Farm Mach. Carlisle, PA. John Lippert, Owner. Kling's Auct. Serv., Sale Mgrs.

SAT. MAR. 21 - 9AM Kempton Community Center, Northern Berks Co. 24th Annual Spring Sale. 14 Aucts. 215-756-6973, 756-6532.

WED. THURS. FRI. MAR. 25, 26, 27 - Large Three Day Sale of Farm Eq., etc., at our place of business, 1 mi. E. of Marion, PA, off Rt. 81. Ralph W. Horst, Manager.

SAT. MAR. 21 & SAT. MAR. 28 - 2 Day Auction of 4 Tractors, Power Machinery Tools, Antiques, Livestock, Furniture, Local Collectibles. Formerly Stubbs & Evans Farm. #403 Woods Rd., Oxford, PA. By order of Donald G. Brown, Owner. Jeff E. Whiteside & Harry W. Whiteside, Aucts.

SAT. MAR. 28 - Farm Mach., Lawn & Garden, Tools, Furniture, and Miscellaneous Consignment Auction. At Rheemstown/Denver light, take Church St. through Rheemstown to Red Run Rd., turn left on Red Run Rd., go 1/10 mi. turn left on Steffy Rd., approx. ½ mi. on left. Terms by: Arthur Nolt and Allen Martin. Roy Good, Jr., Randal V. Kline and Lloyd Kreider, Aucts.

SAT. MAR. 28 - 8:30AM Tack; 10:30AM Horses. Keister's Middleburg Auction Sales, Inc., Rt. 522, 3 mis. E. of Middleburg, 5 mis. W. of Selinsgrove, PA. Don & Walt Keister, Owners.

APRIL

FRI. APR. 3 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

FRI. APR. 10 - 7PM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

FRI. APR. 17 - 6:30PM Consignment Sale of Feeder Pigs & Feeder Cattle. Keister's Middleburg Auct. Sales, Inc., Rt. 522, 3 mis. E. of Middleburg, PA, 5 mis. W of Selinsgrove, PA. Don & Walt Keister, Owners.

TUES. APR. 21 - 7PM Feeder Pig Show & Sale. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

FRI. APR. 24 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

FRI. APR. 24 - 6PM Reg. and Grade Heifers, all ages. At the Belleville Livestock Mkt., Belleville, PA.

SAT. APR. 25 - 8:30AM Tack; 10:30AM Horses. Keister's Middleburg Auct. Sales, Inc., Rt. 522, 3 mis. E. of Middleburg, PA, 5 mis. W. of Selinsgrove, PA. Don & Walt Keister, Owners.

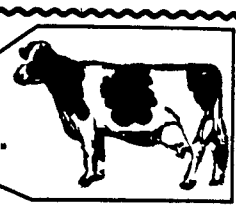
DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH 717-786-3016

PUBLIC SALE

at Green Dragon Livestock Sales,
1 mi. N. of Ephrata
on State Street
FRIDAY, DEC. 26, 1986
11 a.m.
200-250 STOCKERS AND FEEDERS
2 p.m.
1 LOAD OF UP-STATE COWS
No small animal sale.
717-733-2444 (Office)
717-838-4318 (Home)
Walter Risser, Proprietor

NEW HOLLAND SALES STABLES, INC.



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NO SALE
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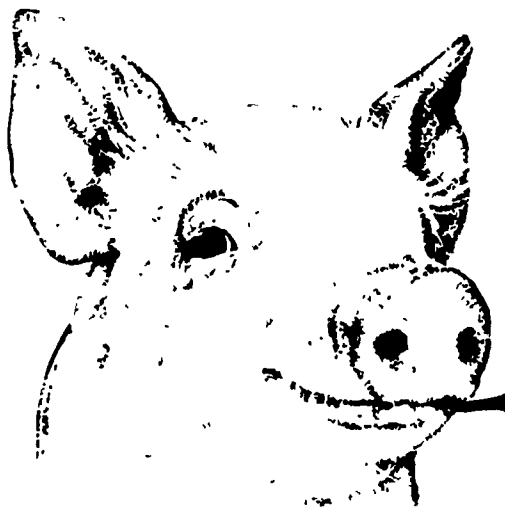
Small Arena
Sale Arena Phone (717) 787-4160



Catalogues Available At Farm Show Or By Request Only From Harry Bachman 138 College Ave. Annville, Pa. 17003

SALE SCHEDULE

MONDAY, JANUARY 12, 1987		TUESDAY, JANUARY 13, 1987	
10:00	Yorkshire	10:00	Berkshires
11:30	Spotted	11:30	Duroc
1:00	Polands	1:00	Hampshires
2:30	Chester Whites	2:30	Landrace

Show Sat., Jan. 10
9:00 A.M.

Auctioneer
HARRY BACHMAN
138 College Ave., Annville,
PA 17003
Tel. 717-867-1809

MAY BE REMOVED
FOLLOWING SALE WHEN
SETTLEMENT MADE

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NEXT WOODSBORO, MD SALE
Thursday, January 15, 1987
11:00 A.M.

150 HEAD

NEXT LANCASTER, PA SALE
Thursday, January 8, 1987
11:00 A.M.

SPECIAL HERD DISPOSAL
(See Next Week's Ad For Details)
95 HEAD

Hearts fill with wonder and joy as we celebrate the eternal beauty of the miracle of His Birth. We rejoice this holy holiday, and reaffirm our faith in His Divine Spirit.

Let us hope His message will light the way for this generation, and the generations to come. May His blessings shine on those you love, all through the Yuletide.

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